

# diagnose:**funk**

Technik sinnvoll nutzen

Umwelt- und Verbraucherorganisation zum Schutz vor elektromagnetischer Strahlung e.V.

## International Webinar on Children in the Digital Age

23. December 2023

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# Who is entitled to interpret the risks of mobile phone radiation?



## About campaigns of an industrial cartel, Federal Office for Radiation Protection and ICNIRP

In 2022, there were four media campaigns in Germany with the message: mobile phone radiation is no health risk for children and adults.

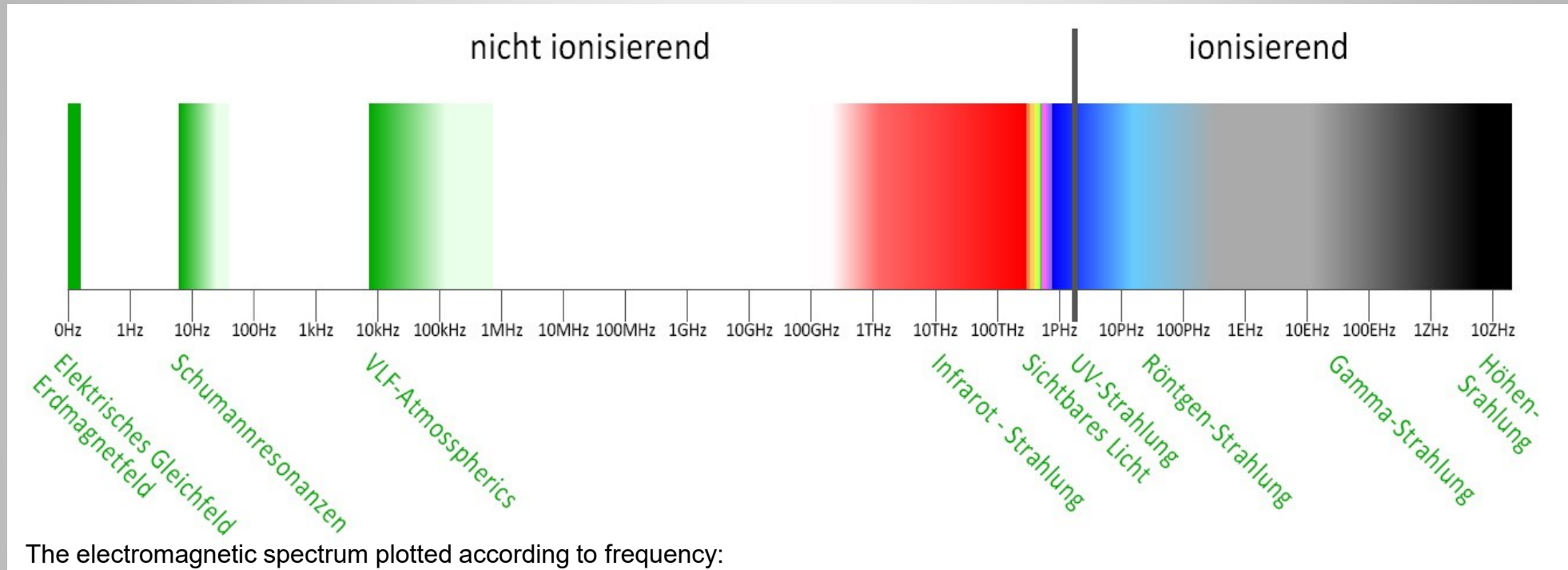
diagnose:funk proves in this 'Brennpunkt' (Focus) that the population was disinformed with these campaigns and reveals **the tactics of manipulation.**



<https://www.diagnose-funk.org/download.php?field=filename&id=513&class=DownloadItem>

# The electromagnetic Spectrum

And what we made out of it...



The electromagnetic spectrum plotted according to frequency:

The red range: electromagnetic radiation of the infrared spectrum = **thermal radiation**.

Then the **visible light** range - for which evolution has developed an excellent sensory organ in living beings.

Then, in the **UV** range, where the so-called ionizing radiation starts - which is directly capable of "breaking something".

Apart from the **earth's magnetic field** and the **electrostatics** of the air and natural materials as well as the electromagnetic discharges caused by thunderstorm activities

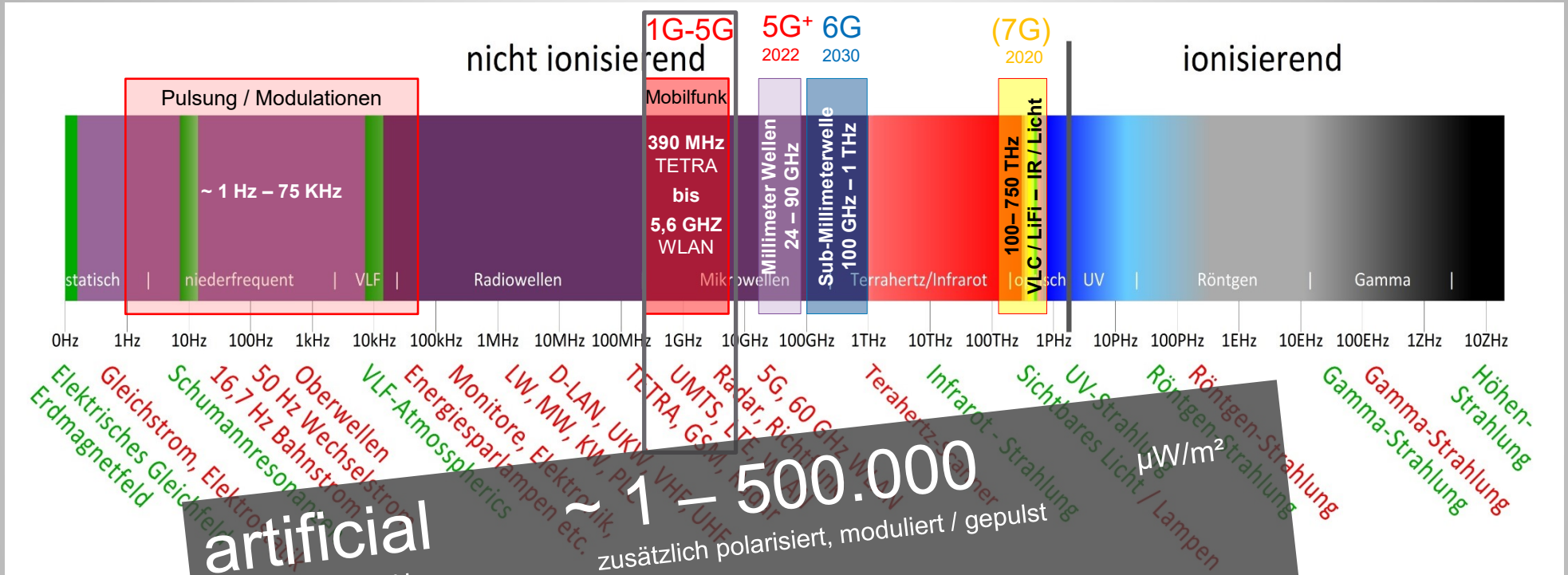
- the so-called **sferics** (third green bar) and the resulting **Schumann resonances** (second green bar), there is 'nothing going on' in the lower frequency spectrum - especially in the microwave range between 30 MHz and 300 GHz! Translated with DeepL.com (free version)

Ausführlicher auf Deutsch: <https://t1p.de/vrwm0>

# The electromagnetic Spectrum



And what we made out of it...



**artificial**  
bei 0,4 bis 5,6 GHz

**evolutionary**  
bei ~ 0,3 – 6 GHz

**~ 1 – 500.000**  
zusätzlich polarisiert, moduliert / gepulst

**< 0,000.000.000.001**  
Leistungsflussdichte in **Mikrowatt pro Quadratmeter**

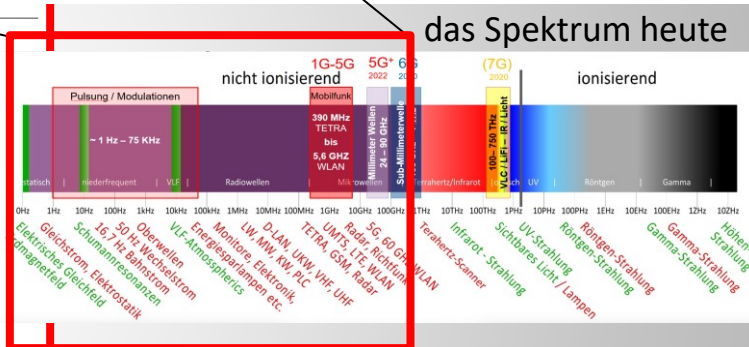
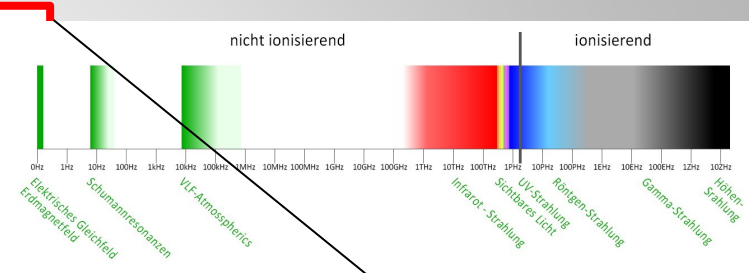
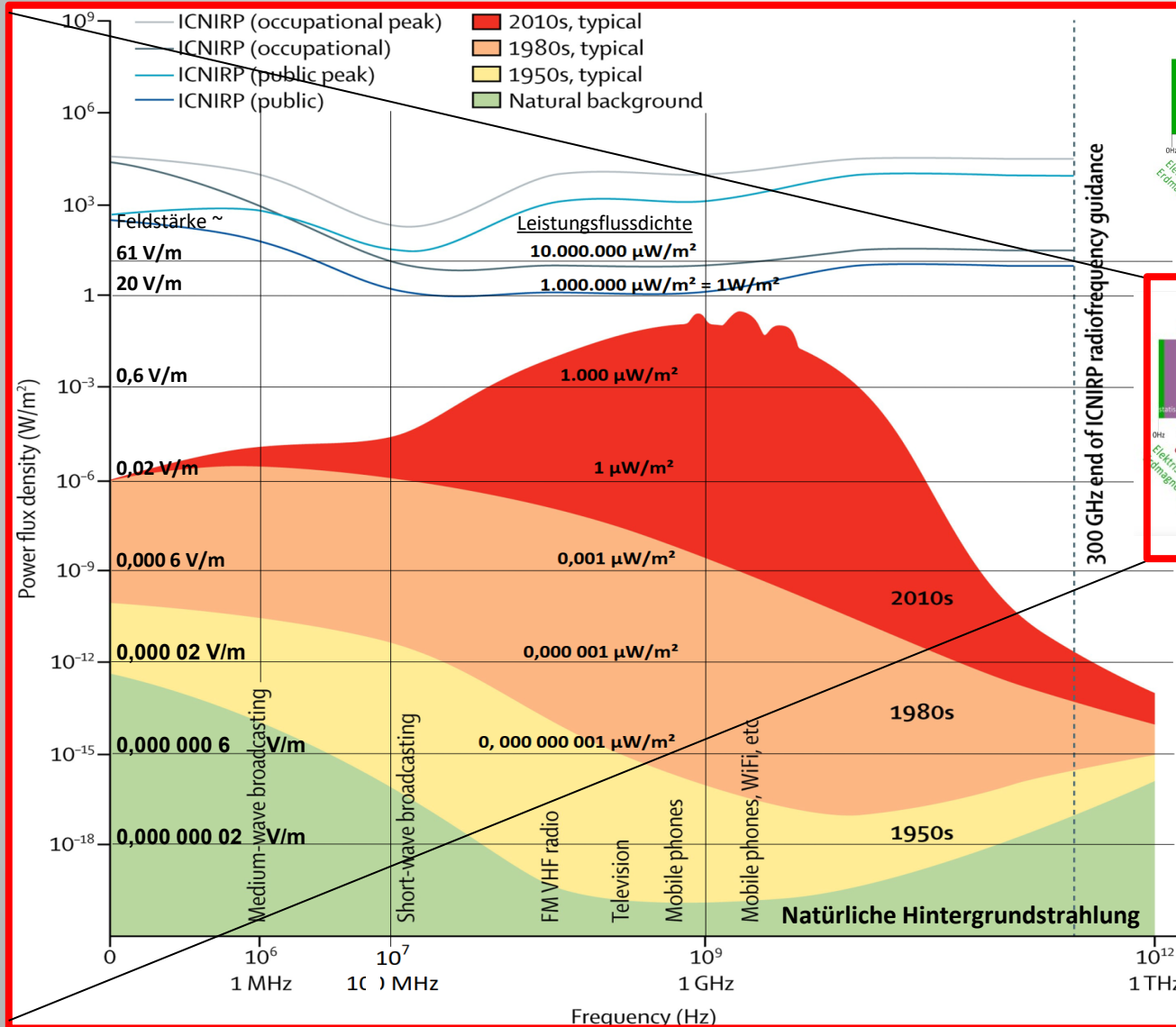
Zum nachlesen: <https://t1p.de/vrwm0>



# Typische maximale Tagesexposition

im Vergleich zur Hintergrundstrahlung

das natürliche Spektrum



**Typische maximale Tages-Exposition** gegenüber **künstlichen** elektromagnetischen Feldern/Strahlung und der **natürlichen Hintergrundstrahlung (Grün)** im Vergleich zu den durch den Industrieverein ICNIRP (International Commission on Non-Ionizing Radiation Protection) erstellten Grenzwertvorschlägen.

**Priyanka/Carpenter 2018**  
 Planetary electromagnetic pollution: **it is time to assess its impact**;  
 THE LANCET, Planetary Health, 1.12.2018  
[https://doi.org/10.1016/S2542-5196\(18\)30221-3](https://doi.org/10.1016/S2542-5196(18)30221-3)

Natural level based on: Raines JK, NASA-CR-166661. 1981.  
 EMF interactions with the human body: observed effects and theories.  
<https://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19810017132.pdf>

# Grenzwerte – Richtwerte – Empfehlungen

Amtl. Grenzwerte der 26.BImSchV in Feldstärke (E) V/m / Leistungsflussdichte (S) W/m<sup>2</sup>

10 Watt (W) = 10.000.000 Mikrowatt (µW)

$$S = E^2 / 377$$

$$E = \sqrt{S \cdot 377}$$

LTE 2600, <b>5G</b> 2600/3500	61 V/m	~ 10.000.000	µW/m <sup>2</sup>
<b>GSM</b> 1800, <b>5G</b> 1500/1800	< 58	~ 9.000.000	
<b>GSM</b> 900, <b>LTE</b> 800, <b>5G</b> 800	~ 38	~ 3.830.000	
Schweiz (GSM Anlagengrenzwert OMEN)	6,1	100.000	
Stadt Paris (öfftl. Gebäude) Italien Prov. Trendo	2,0	10.000	
GUS 1970, DDR 1983 (0,06 – 300 GHz, Bevölkerung)		9.975	
Biolinitiative 2007, Cherry 2000 (Salzburger Resolution)	0,6	1.000	

STOA 2000 / <b>EUROPAEM</b> / <b>BUND</b> Grenzwert	0,2	100
Salzburg 2002 aussen	0,06	10
Salzburg 2002 innen / <b>BUND</b> Vorsorgestandard	0,02	1
EUROPAEM 2016 (Empfehlung <b>WLAN</b> empfindliche Personen)	0,006	< 0,1
Funktion gewährleistet (10 Mbit/s stabil / witterungsbeständig)*	0,000 04	~ 0,000 004

**Versorgung  
&  
Vorsorge**

Natürliche Hintergrundstrahlung (bei 1 GHz) < 0,000 000 02  
Raines JK 1981, NASA-CR-166661. EMF interactions with the human body

< 0,000 000 000 001

\* bei -105 dBm, LTE-DL 10-15 MBit/s LTE-UL 2-4 Mbit/s.  
<https://www.lte-anbieter.info/technik/asu.php>

# Interview Prof. Dr. Dr. Gertraud Teuchert-Noodt

## CYBERATTACK on the nervous system of the BRAIN - Where does the digital revolution lead?

Acceleration and loss of space and time: psycho-cognitive functions - against the background of a spatio-temporal work of the nervous system - remain lifelong subject to defined biological conditions.

For the first time in the history of mankind, this neural foundation, which is absolutely necessary for thought processes, is called into question by the digitization.



<http://www.aufwach-s-en.de/2017/09/cyberattack-on-the-nervous-system-of-the-brain/>



Electromagnetic Fields

### CYBERATTACK on the nervous system of the BRAIN - Where does the digital revolution lead?

Interview with Professor Dr. Dr. Gertraud Teuchert-Noodt

Teuchert-Noodt, G (2017): Cyberattacke auf die Nervennetze des Gehirns – Wohin führt die digitale Revolution? First published in umwelt-medizin-gesellschaft, 3/2017, p. 28-32. Verlag Forum-Medizin, Germany  
Interview and translation: Johanna Wenninger-Muhr; Correspondence: g.teuchert@uni-bielefeld.de

Acceleration and loss of space and time: psycho-cognitive functions - against the background of a spatio-temporal work of the nervous system - remain lifelong subject to defined biological conditions. For the first time in the history of mankind, this neural foundation, which is absolutely necessary for thought processes, is called into question by the digitization.

"Digital media is fulfilling a fundamental dream of humanity: the mastery of time and space, but that also entails a great danger", says brain researcher Professor Dr. Dr. Gertraud Teuchert-Noodt from the University of Bielefeld. If media users do not get the upper hand over their actions and plans they succumb unnoticed to a kind of cyberattack on the networks of their brains. Particularly those subsystems, which are responsible for the memory formation and for the cognitive achievements are attacked. This can cause the loss of cognitive judgment, anxiety syndrome, addiction, burnout or depression. A new challenge both in terms of study and in the world of work will not allow the media to put us into their service. It is therefore useful to know more about those nerve networks in the brain that make us strong. At the beginning of May the brain researcher gave a lecture on "Where does the digital revolution go?" at the Technical University of Darmstadt/Hesse: "If we keep the cart running like this, a whole generation of digitized children will return to the Stone Age" Teuchert-Noodt warns.

*Visionblog.info:* Professor Teuchert-Noodt, you are talking about the 'Cyber attack on the brain nerves'. What is meant by this, what can / must the laity imagine?

*Prof. Gertraud Teuchert-Noodt:* It is what it is: no matter whether a cyber attack is directed indirectly to the computer networks of digital highly-equipped devices that are important for specific infrastructures or directly to specific brain nerves, both have a corresponding penetrating force. Thus, just as hackers can shut down the power supply of a hospital, media users in their own brain can override the care center for the entire information processing at the psycho-cognitive level and cause an emotional / mental exhaustion. Maybe a brain crash is even worse. Because the neurochemical and brain-rhythmically controlled functions in the corresponding highest brain regions - the limbic, prefrontal system - are very difficult with a recovery from a digitally induced attack, especially since this is accompanied by imperceptible creeping symptoms.

*Visionblog.info:* How is the human brain prepared for digitization?

*Prof. Gertraud Teuchert-Noodt:* The human brain has been prepared for digitization for at least three thousand years, since the Phoenicians introduced the current alphabet. For three centuries, however, the schooling of the child, writing, reading and counting could become a cultural and technical success. The sensory-motorized bark fields of the child's brain,

maturing in a defined time window, are optimally applied. Only the fully mature primary and secondary nerve networks in these cortex fields allow the adult to become creative in abstract patterns of thinking and also to deal wisely with digital media, or perhaps even write programs and algorithms.

It is a fallacy to assume that the modern child can take over the handling of digital media directly from adults, due to the minimal technical effort. According to the knowledge of brain research, the child's brain will not be prepared for a deal with the media in the next thousand years! For cognitive performance is dependent on the prolonged and intrinsically induced maturation of primary and secondary nerve networks in the child's cortex in order to accomplish later associative work. It must be stressed at this point that digital media act as extreme acceleration factors on the maturing functional systems of the cortex by producing a kind of emergency maturation of the nerve networks and are irreparably addictive.

If we let the cart continue, a whole generation of digitized children will return to the Stone Age. It has long been apparent that even the adult has not grown infinitely in the technically highly equipped working world. After all, biological conditions conditioned by psycho-cognitive functions remain subject to the background of a spatio-temporal work of the nervous system. For the first time in the history of mankind, this neural foundation, which is absolutely necessary for thought processes, is destroyed by the digitization.

umwelt - medizin - gesellschaft | 30 | 3/2017

1



# Publications waiting to be translated ...

<https://www.diagnose-funk.org/publikationen>



## DIAGNOSE ELEKTROHYPERSENSIBILITÄT

Immer mehr Menschen erkranken durch elektromagnetische Felder

## MACH MAL PAUSE

Geh offline und reduziere die Strahlenbelastung



## FASZINATION MIT NEBENWIRKUNG

Was Sie über die Funkstrahlung digitaler Geräte wissen sollten.



<https://www.waldorfpublishings.org/products/growing-up-healthy-in-a-world-of-digital-media>



# Technik sinnvoll nutzen!

[www.diagnose-funk.de](http://www.diagnose-funk.de)

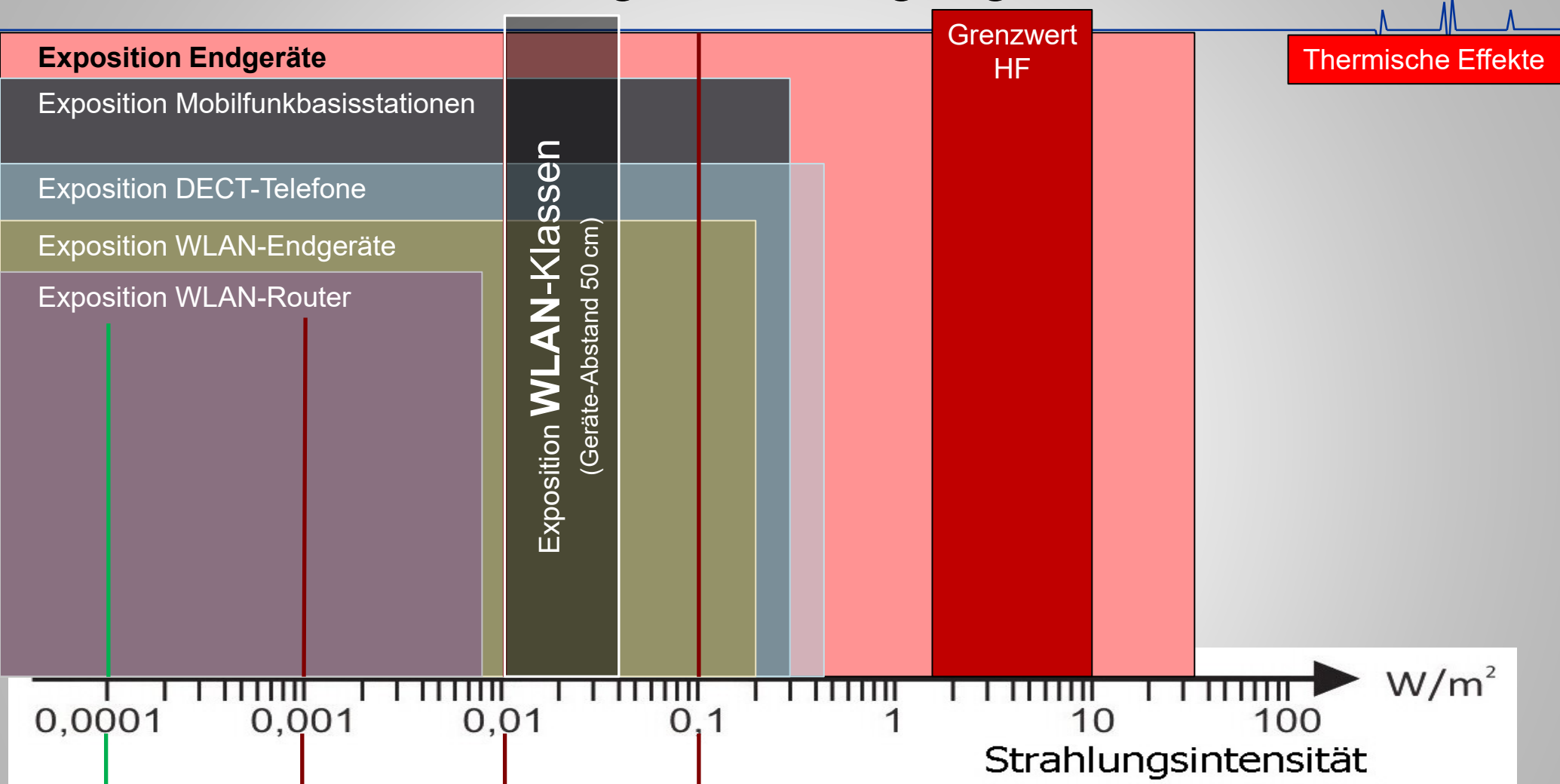
[www.emfdata.org](http://www.emfdata.org)

[www.diagnose-media.de](http://www.diagnose-media.de)

[www.diagnose-EHS.de](http://www.diagnose-EHS.de)



# Immissionen im Alltag zum Anlagengrenzwert



0,0001

0,001

0,01

0,1

1

10

100

100  $\mu W/m^2$

1.000  $\mu W/m^2$

10.000  $\mu W/m^2$

100.000  $\mu W/m^2$

Grenzwertforderung  
STOA der EU  
BUND  
EUROPAEM  
diagnose:funk

BiolInitiative

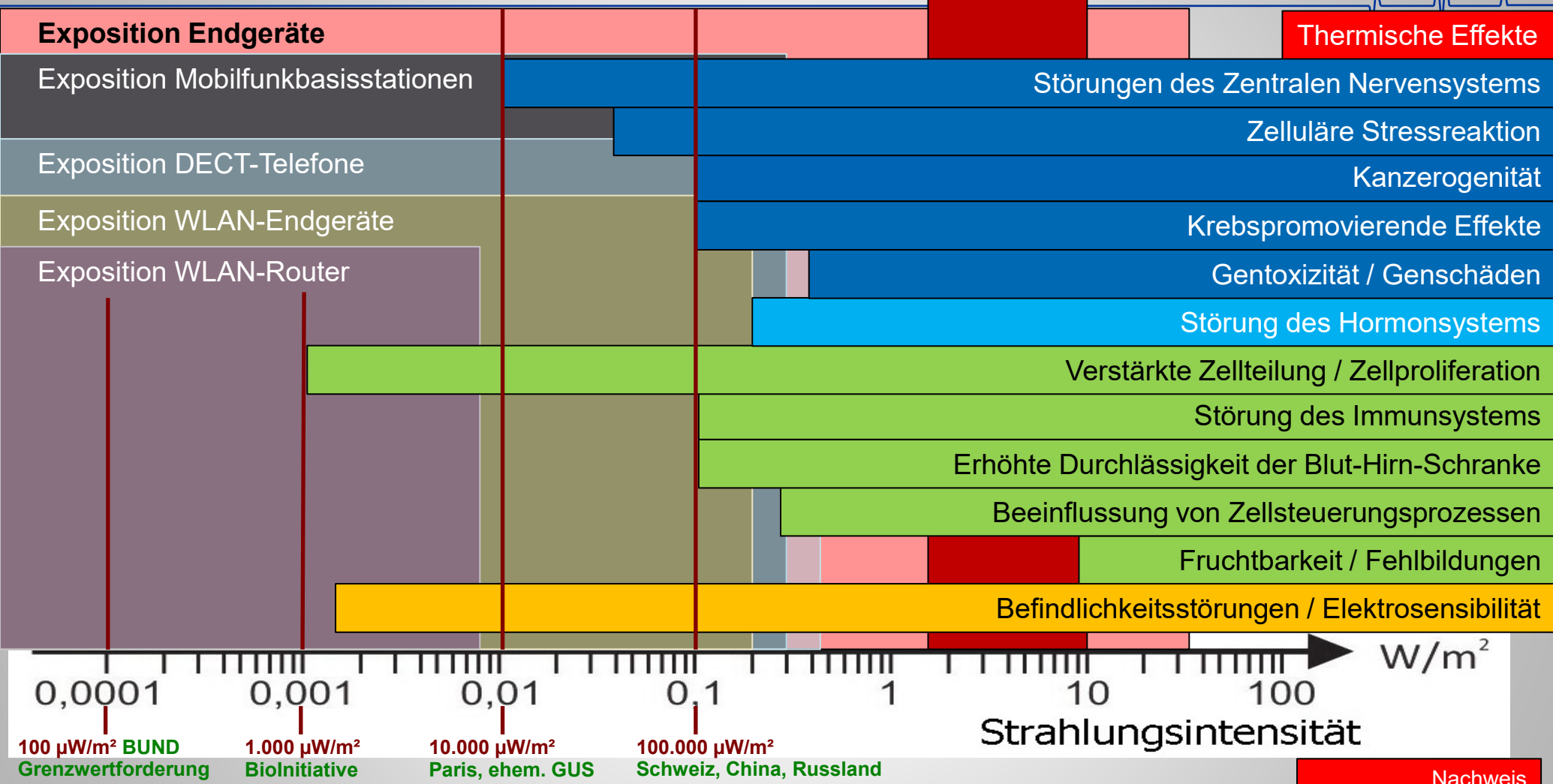
Paris, ehem. GUS

Schweiz, China, Russland

# ECOLOG-Bewertungen

Grenzwert HF

2006



Nachweis
konsistente Hinweise
starke Hinweise
Hinweise
schwache Hinweise

Quelle: Ecolog-Institut 2006, EMF-Handbuch, S.32, Abb. 2.2

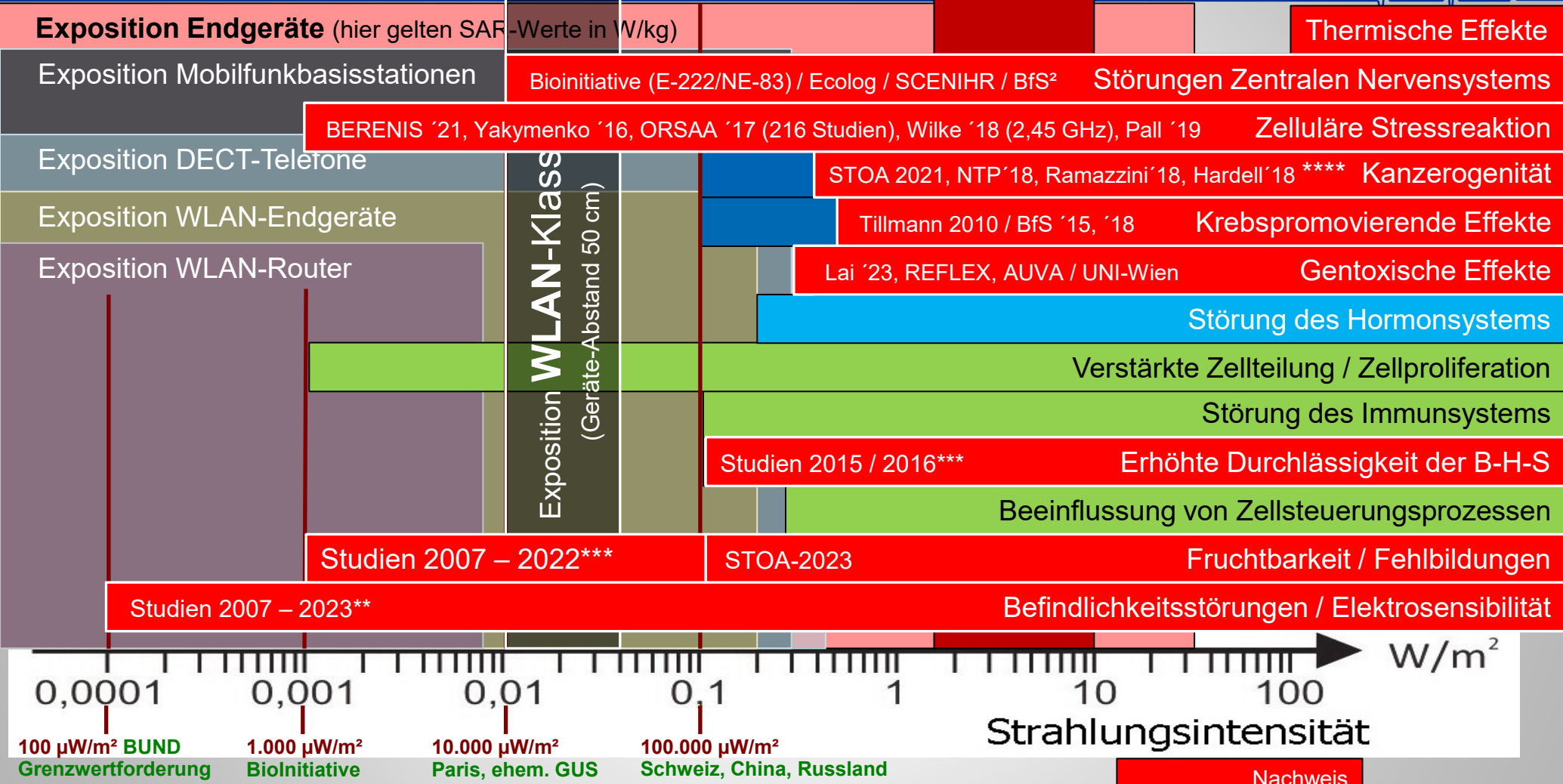
Diese Analyse führte dazu, dass der Rückversicherer e+s-rück aus Hannover empfohlen hat, Mobilfunkbetreiber nicht zu versichern! Schriftenreihe zu aktuellen Themen der Schadensversicherung Ausgabe Nr.10, Juni 2006, "Emerging Risks"

Diese Haltung besteht bis heute fort. Weltweit können sich Mobilfunkbetreiber nicht gegen Schäden durch EMF versichern. Zuletzt stuft die [swiss-re Mobilfunkstrahlung in die höchste 'Risikokategorie' ein](#), die als "emerging risks" klassifiziert werden

# ECOLOG- / df-Bewertungen

Grenzwert HF

2006 - 2023



Quelle: Ecolog-Institut 2006, EMF-Handbuch, S.32, Abb. 2.2  
 Weiß umrandete Felder: Ergänzungen durch diagnose:funk

\*gem. Prof. Kundi, Med.-Uni.-Wien (Vortrag Landtag Südtirol 2015); BfS: spricht von "gesicherter Erkenntnis"; Lerchl 2018  
 \*\*gem. Belyaev et al.: EUROPAEM, EMF-Guidelines 2016; Belpomme / Irigaray 2015 & 2022  
 \*\*\*gem. diagnose:funk Studienreports 2015/2016, BP-Fruchtbarkeitschäden (130 Studien), Belpomme 2023 u.a.; Tang 2015, Sirav 2011/2016  
 \*\*\*\*gem. NTP/Ramazzini-Studie, 2016, 2017, Hardell 2017 "(...) Glioma Risk", 2018 "Krebs – Gesamtstudienlage"; Fiona Belpoggi 2018, STOA 2023  
<sup>2</sup> gem. BfS-Ressortforschungsbericht, Vorhaben 3611S30017, S.37: „EEG-Effekte (...) als gesichert anzusehen sind.“

Nachweis
konsistente Hinweise
starke Hinweise
Hinweise
schwache Hinweise