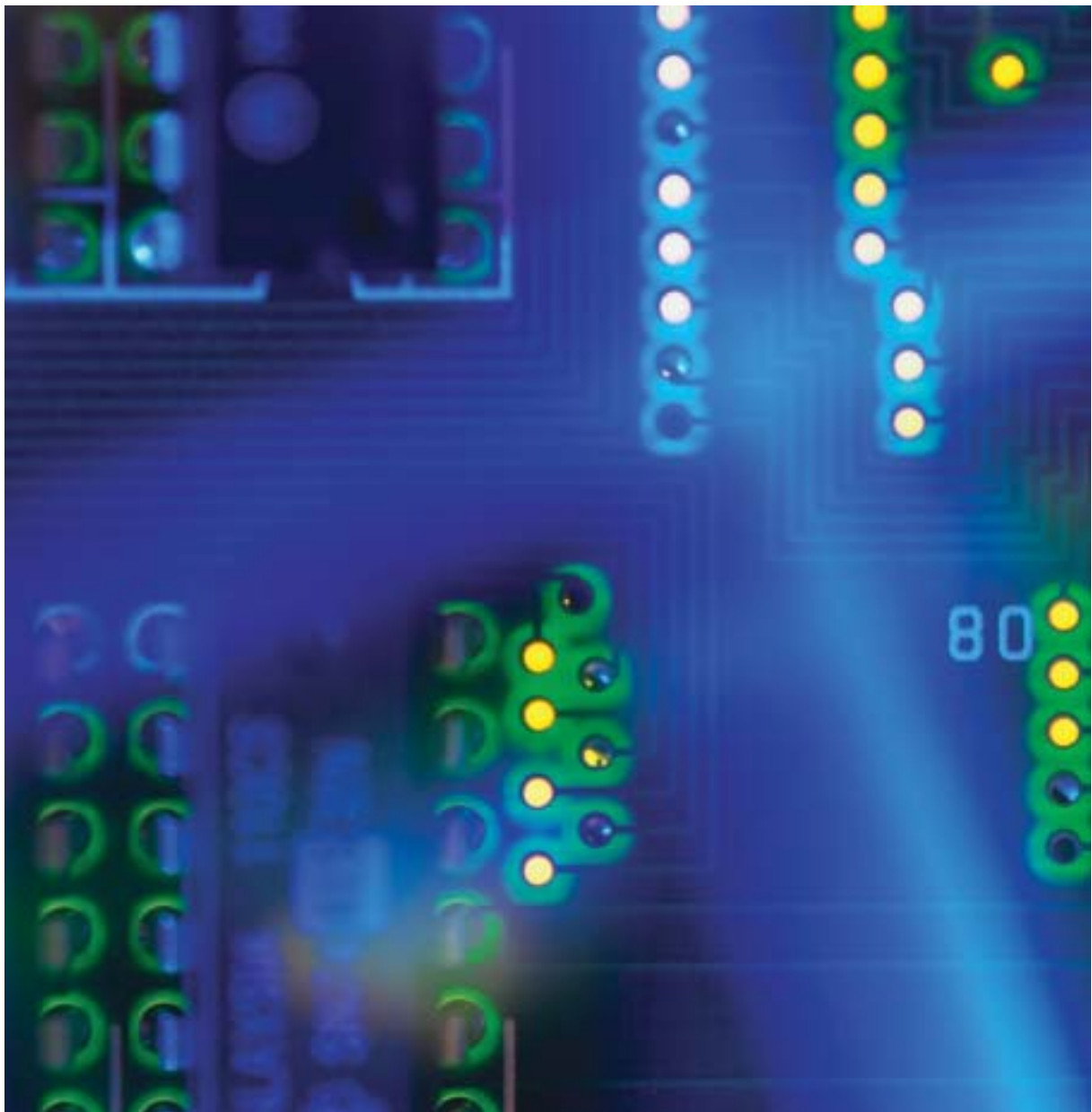


The Gabri

by Fritz Jörn

“The response of the cows was particularly remarkable. What they love to do most know is lie in the corner of the stable kept free of interference by the chips, and they do not longer drink the water in the meadow but the interference free water in the stable.” – News item on the website of the Gabriel-Tech GmbH, two days before Christmas 2003¹.





el chip

The Gabriel chip is a small round sticker with a radius of 25 to 35 millimeter, allegedly protecting against “known health side effects from mobile radio and electric radiation”², costing approx 30 euros³. Larger versions for steering columns, monitors and electric circuit breakers, with a 40 or 42 millimeter radius, cost approx 40 or even 50 euros. A quantity discount is available.⁴

The term “chip“ does not - as one would think - stand for small electronic circuits. The “self-adhesive, aluminium coated polypropylene foil”⁵ is as homogeneous as a label in clothes or a roulette chip. For the manufacturers and dealers, however, this chip has to be a veritable goldmine, if they suffer “a loss of a million euros”⁶ from one single critical article (even if published in the daily “Frankfurter Allgemeine Zeitung”⁷). The sticker’s name, “Gabriel chip“, is not a pious remembrance of the archangel Gabriel, the patron saint of messengers and philatelists, communications workers and spies in popular belief, who is traditionally prayed to at infertility, but is named after the inventors and patent holders⁸ Franz Gabriel and Gabriele Gruber, Winklerstraße 1, Hallein, Austria, a city 19 kilometers south of Salzburg, where the song “Silent Night”⁹ originates from.

Time and again we explored the phenomenon of the Gabriel chip – and got hopelessly lost. The variety of its curing effects, how it is supposed to work, and the alleged evidence provided by the Chair of the Gabriel Research Society himself, who, at the same time, is the Chief Nature and Environmental Officer of the Linz Magistrate, the opinions of supporters and critics what it is about – all this is a dead end. While the aim of mathematics and all respectable natural sciences for centuries has been to explain earthly phenomena as *simply* as possible, the exact opposite is true here. Where one of the ground rules of state-of-the-art science and technology has been that simple explanations and formulas are always better than complicated ones, Gabriel’s reflections and conclu-

sions often lead to his using such analogies as, “one can imagine that like ...“, and with “so-called“. At times, beautiful thoughts are voiced, such as: „Humans are always on standby, like radio receivers“¹⁰ – when, luckily, that is not even true for radio receivers. And it goes on in style: “For millions of years, the earth has generated specific frequencies through the Earth’s magnetic field i.e., oscillations, which elementally condition our body. In the course of evolution, each organ and each body function has oriented to one of these natural oscillations. As one could say: It is the basic ‘life frequency’. The brain uses these frequencies to steer the organs and to communicate with them. It is exactly like a radio station transmitting and receiving signals.“ How could we object against this, when the earth’s magnetic field oscillated so nicely? Against a broadcasting transmitter that not only transmits but also receives signals? And what would be the use? You are constantly flabbergasted; reasonable arguments vanish into thin air. The maze of allegations swallows you up if you venture forth. It will probably stay this way – and I will use an analogy myself for once – for at least a hundred years, like in the fairy tale of Sleeping Beauty and the thorn hedge¹¹. It is a murky brew of thoughts one steps into here, asking oneself if one failed to pay due attention in school or when studying electrical engineering.

In Gabriel’s words, it is like this: “Upon seeing a Gabriel chip for the very first time, people almost inevitably ask the same question: How can a self-adhesive, aluminium coated polypropylene foil have such overwhelming effects on electromagnetic waves? ... The answer is in the physical alteration of the foil. The basic manufacturing a Gabriel chip is similar to the process when making an audio music CD. We have also got an original CD (the master) which is copied to obtain many identical duplicates. Regarding the Gabriel chip, the master – the original for copying – consists of a mixture of nature identi-

cal silicates. This silicate mixture is the trigger, since it carries a 'natural' electromagnetic impulse on many frequencies. Their characteristics are transferred to the foil [the Gabriel chip] by a patented electromagnetic processing."

We will abstain here from dealing with the question whether there exist or can exist "natural electromagnetic impulses" "on frequencies" in silicate mixtures. Let us only take a short look at the "patented electromagnetic processing" by which all this goes onto the chip. In the description of the Austrian patent AT 409 930 B of Franz Gabriel and Gabriele Gruber, we find a device electrically linking the grounding of a socket to a metal plate via a foil that will have to be gabrielized. A "container, preferably a glass bottle" – known to be isolating – is mounted on it, with "at least 200 ml, preferably at least 500 ml water called right-spin by radiesthetes". After three, "preferably 4 to 5 hours", the 5 cm wide and up to 1.5 meters long foil strip can be taken out and divided into single chips.¹³ It is a matter of controversy whether this is – as promised – a form of "electromagnetic processing". As a newbie occultist, you may ask what a "radiesthete" and "right-spin water" is – the first is not a radish lover but, commonly, a diviner; the latter is rather *not* a physical characteristic – and again you are being led astray. For a technician, there is no power in the whole story, and there is no reasonable way to get from the water to the effect in the chip, either.

Let us leave this wrong track behind and return to the patent. There you read: "In this case, interfering radiation is above all understood as a physically not sufficiently measurable radiation leading at the most to biological effects, like e.g. the emanations of water veins, power lines, electrical and electronic facilities, devices and machinery, of geodetic stimulus zones, as well as all other types of radiation detectable by radiesthetes." There it is! Gabriel is not interested at all in measurable, objectifiable effects but, ultimate-

ly, only in "radiation detectable by radiesthetes" – and how could we object??

Potential harmful effects of mobile radio have been controversially discussed for the last 25 years; they have not been proven yet beyond doubt by routine measurements (otherwise there would be no work left to be done by the Forschungsgemeinschaft Funk!). Logically, it is even less possible to measure a protection against the unknown and unmeasurable! It would be similar – an analogy again! – to check the quality of dry cleaning in the Emperor's New Clothes¹⁴ – like in a fairy tale!

It is fully logical that the propagandists of the Gabriel chip do not deal with, for example, measurements of the specific absorption rates and its potential decrease. They point out that the SAR "says nothing at all about nonthermal effects that can be exerted by mobile phone emissions on the user", and have brought this even to the attention of the European Parliament.¹⁵ Objections of technicians that they could not identify any interaction mechanisms or measure anything at all themselves, make no impression on the Gabriel defenders. And why should they? The important thing is the effect on humans and – as we have seen above – on animals, and not on the mind or measurement devices. Worldwide, medicine has accepted for more than thousand years the theories of Claudius Galen¹⁶ without verifying them. And despite being wrong, the Color Theory of Johann Wolfgang von Goethe¹⁷ is still used today.

As in esoterics, it is vital here to leave traditional knowledge behind: "There are more things in heaven and earth, Horatio, than are dreamt of in your philosophy."¹⁸ The manufacturers and distributors of the Gabriel chip repeatedly point to the reported curing effects of the chip and thereby succeed in convincing those who prefer believing over knowing – gaining knowledge ultimately being much more strenuous. Actually, skepticism regarding scientific and technological knowledge is legitimate and often necessary.



Some quite naïve assessments that have been made of the situation have shed a bad light on the position of industry – as logical as they may seem. On top of that, even the most staunch representatives of logical thinking and science occasionally are ready to back down for the sake of peaceful discussion: perhaps there will be found something in the far future, there could be a grain of truth in the most surrealistic argument, if it is put forth persistently enough ...

Gabriel has announced a double-blinded experiment directed by Dr. Lebrecht von Klitzing, the former head of the Clinical and Experimental Research Laboratory at the University of Lübeck, with his certainly not uncontroversial attitude towards mobile radio¹⁹, to achieve “an irrefutable scientific basis and legal acceptance”²⁰. First results shall be available in the first quarter of 2004 and at the end of May²¹. So we will perhaps see to which extent there is an objectifiable effect. In principle, scientific results have to be validated by experts from the same field (peers) in order to be accepted, and must at least once be verified in practice at another site – a rule Dr. Lebrecht von Klitzing thinks is unrealistic²². So, even if this condition will be met, it will still take a while. Thus, real consistent proof of the positive effect of the Gabriel chip – and/or possible negative side effects – based on the rules for the usage of traditional medicines must not be expected in the nearer future. But that does not matter much – the round Gabriel chip thus will share the fate of homeopathic globules²³: You have to believe in them; so perhaps it’s the same with right-spin water, especially „Grander water“ with its urine formations²⁴ for 12.60 euros per liter ... You aren’t finicky about Christian „holy water“ either – which can be had free.

This brings us to the placebo effect, the only phenomenon that might be able to explain the effect of the Gabriel chip in the eyes of those who think along technical and scientific lines. If such an effect can be characterized at all – by “confessing” non-believers,

that is -, the Gabriel chip perfectly meets the requirements: It is very expensive, so there should be a corresponding effect; it is mysterious, even physicists do not know how it works – so it simply must help against all sorts of not too well understood radiation; and, in spite of that, there is „official evidence of its effects“²⁵. This evidence says that a mobile phone on standby enhances the inhomogeneities of the geomagnetic background field; thereby its „biological stimulus effect“ is increased, and finally, that a Gabriel chip rectifies this field disturbance. The director of the respective Office and the experiment alike, Dr. Medinger, may be a sworn and court certified expert, but he also is the Chair of the Gabriel Research Society²⁶. Even an independent replication of his measurements – which has not been done, as far as we know – would not be able to confirm his far-reaching, generalizing assertions on the near- and especially the far-distance effects of the Gabriel chip. In addition, the „biological stimulus effect“ postulated by Dr. Medinger is unclear.

Nevertheless, let us finally take a closer look at Dr. Medinger’s official report on measurements and effects. His summary contains the following paragraph: “If instead a chip information-technically treated by Mr. Franz Gabriel from the same material was mounted to it, at once a measurable reorganization of the field set on, comparable to a crystallization process, that could be observed at another measurement done after 15 min of mobile phone exposure in the standby mode with the verum chip – a sort of rearrangement of field lines. Around the protected mobile phone, there was further a pronounced diamagnetic effect indicating superconductivity at room temperature and supporting the regulating influence of the chip on the magnetic field.” – That shall suffice for now regarding official documents. The term “verum chip” stands for the Gabriel chip here, in contrast to an „untreated“ foil of the same type. But let us go back to the matter at hand, the summary.

Whatever all this means from a biophysical perspective: If there really is a curing effect from the stickers, as numerous very positive client reports published by Gabriel suggest, and other effects²⁷ that many claim to have felt, we do not grudge them that. Surely, the sticker will not hurt either.

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Fußnoten

- ¹ http://www.gabriel-tech.de/tech_cms/presse/aktuelle_meldungen/entstoerung_bauer.php
- ² <http://www.gabriel-tech.de/>
- ³ http://www.gabriel-tech.de/tech_cms/Produkte/gabriel_chips/handy.php and many others, e.g. http://www.michaelsverlag.de/index.php?action=liste&pg_id=3
- ⁴ http://www.gabriel-tech.de/tech_cms/Produkte/produktueberblick.php
- ⁵ http://www.gabriel-tech.de/tech_cms/Basiswissen/Gabriel_Chip/53_Chip_herstellung.php
- ⁶ Frankfurter Allgemeine Zeitung, Technik und Motor, 1.7.2003: »Humbug auf hoher Ebene. Purer Unfug: Der Gabriel-Chip als »Handy-Strahlen-Neutralisierer.«, <http://www.joern.de/Gabriel.pdf>
- ⁷ Letter, 10/6/2003, sent by the lawyer Michael Walter, Frankfurt am Main, to Fritz Jörn, author of this article (www.Joern.De/GabrielggJoern.pdf)
- ⁸ Austrian patent AT 409 930 B, „Anordnung und [ein] Verfahren zur Beeinflussung von metallischen oder Metallpulver oder Metallpigmente enthaltenden Folien beziehungsweise Blättchen“. Patent search (only title page): <http://depatisnet.dpma.de>.
- ⁹ Franz Xaver Gruber (1787 - 1863)

- ¹⁰ http://www.gabriel-forschung.de/tech_cms/gabriel_tech_tour/tour_3.htm
- ¹¹ <http://gutenberg.spiegel.de/grimm/maerchen/dornroes.htm>
- ¹² http://www.gabriel-tech.de/tech_cms/Basiswissen/Gabriel_Chip/53_Chip_herstellung.php
- ¹³ <http://www.joern.de/Gabrielwie.htm>
- ¹⁴ http://www.maerchen.bodendiek.de/maerchen?id=43_0_1_0_C
- ¹⁵ Letter to the European Parliament, at <http://www.voak.at/frames/artikel.php?artikel=stoa> and http://www.europarl.eu.int/stoa/publi/pdf/summaries/00-07-03sum_de.pdf
- ¹⁶ <http://home.tiscalinet.ch/biografien/biografien/galen.htm>
- ¹⁷ »Wo Goethe die Newton'sche Lehre von der Brechbarkeit des Lichts kritisierte, befand er sich in allen Punkten im Irrtum. Seine physikalischen Theorien zur Erklärung der Farbenvielfalt sind falsch.« <http://www.goethes-farbenlehre.com/>
- ¹⁸ William Shakespeare, Hamlet, Act 1, Scene 5
- ¹⁹ Other opinions: <http://www.handywellen.de/canvas.html?klitzing.htm&2> Own statement: <http://www.rhein-sieg-kreis.de/rhein-sieg-kreis/kreisverw/umwelt/elektrosmog/Tagungsband-8.pdf>
- ²⁰ see letter Walter to Jörn, and www.Joern.De/GabrielggJoern.pdf
- ²¹ http://www.gabriel-tech.de/tech_cms/presse/aktuelle_meldungen/matrix_empfehlung.php : »Die fertigen Ergebnisse liegen voraussichtlich Ende Mai vor und werden auf dieser Webseite und in der Presse umfassend veröffentlicht.«
- ²² Dr. Klitzing: »... Und dann das Thema »Reproduzierbarkeit«: Kein Wissenschaftler wird Versuche exakt wiederholen, da er Gefahr läuft, dasselbe herauszubekommen, was dann natürlich nicht publikationsfähig ist. ...« <http://www.rhein-sieg-kreis.de/rhein-sieg-kreis/kreisverw/umwelt/elektrosmog/Tagungsband-8.pdf> Seite 5
- ²³ See also <http://f27.parsimony.net/cgi-bin/topic-indent.cgi?Nummer=67168&ThreadNummer=3319> the discussion of placebo effects associated with mobile radio
- ²⁴ <http://www.grander-technologie.com/de/>
- ²⁵ Aus der Zusammenfassung auf Seite 6 des Berichts vom 20. Dezember 2002 über die »Magnetfeld-Rastermessung« am 18.12.2002«, Dr. Walter Medinger, Neues Rathaus, Amt für Natur- und Umweltschutz, Zimmer 1115, Hauptstraße 1-5, A-4041 Linz, +43-70-7070-2690, Walter.Medinger@mag.Linz.At http://www.gabriel-tech.de/tech_cms/Downloads/Amtliche_Prufung.pdf (über http://www.gabriel-tech.de/tech_cms/Basiswissen/Gabriel_Chip/55_wirknachweise.php)
- ²⁶ see http://www.gabriel-tech.de/tech_cms/Basiswissen/physik.php ist er eine »Koryphäe der theoretischen Physik und Biophysik im Bereich der Ordnungszustände in Feldern und lebenden Organismen. Weitere Positionen: Umweltschutz-Sonderbeauftragter für die EU-Osterweiterung, Vorstandsmitglied im intern. Klimabündnis europäischer Städte, Mitglied und Arbeitsgruppenvorsitzender des österreichischen Normungsinstituts sowie Berater des österreichischen Parlaments.
- ²⁷ http://www.gabriel-tech.de/tech_cms/news/kundenstimmen.php

