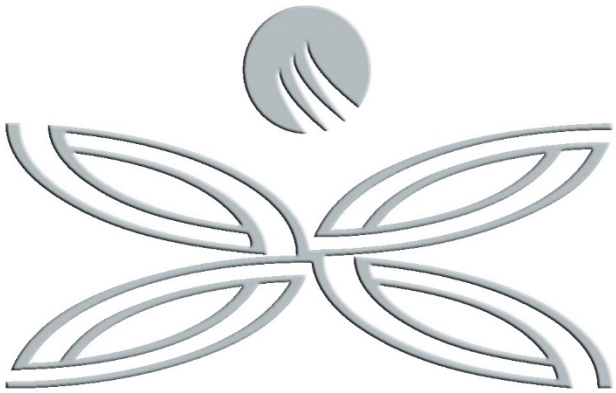
SYMBIOCEUTICALS



Harmonizer GmbH

Report

This prospectus is intended exclusively for specialist personnel.

The information contained in this prospectus is no substitute for medical or therapeutic treatment.

The purpose of the prospectus is to document information and experiences from other doctors and therapists so that one is then able to make decisions independently.

The data and facts provided have been researched with great care.

The authors and the company are, however, not responsible for any medical requirements that are referred to in the material that has been presented.

Note: We would like to point out that the technology that is introduced here does not yet conform with the predominant scientific orthodoxy and doctrine and has not yet been recognised by traditional medical science.

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Symbioceuticals - Harmonizer Comfort

IIREC

International Institute for Research on
Electromagnetic Compatibility

Biophysical testing of the effect of the product «Harmonizer Comfort»

– including stress resistance –
in geopathogenic und technogenically disturbed magnetic fields

Report no.	123/2014
Date	December 13th, 2014
Contractee	**Symbioceuticals – Harmonizer GmbH** Mr Jürgen Lueger Gangsteig 2 AT-5082 Grödig
Contractor/ Expert	**IIREC Dr. Medinger e.U.** Mag. Dr. Walter Hannes Medinger Ringstrasse 64 A-3500 Krems an der Donau
Number of pages	11 (**excluding annex**)
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Important notes:

The right of exploitation of this report lies exclusively with the contractee. Not touching this right, this report remains, according to valid law, intellectual property of the contractor, IIREC Dr. Medinger e.U. The contractor keeps the right of use, as well, for the complete report or any part of it that was not explicitly declared confidential by the contractee.

In case of exploitation by the contractee, the report must not be handed on in an abbreviated version or a modified version.

The scope of this report is exclusively the documentation and evaluation of effects that were assessed by objective physical measurement. Neither the investigation of manufacturing nor of mode of operation of the product was contracted. It is up to the manufacturer to care for constant product quality.

1. Subject of Investigation

The international institute IIREC was mandated by Symbioceuticals – Harmonizer GmbH to test the effect of the product «Harmonizer Comfort» by objective measurements (with physical meters, independent of the subjective sensitivity of humans).

According to experience by IIREC the procedure of grid measurement of the vertical component of magnetic flux density, or induction, in the static (DC) and extremely low frequency (ELF) magnetic field (± 3 dB range up to 18 Hz) including the evaluation of the divergence of the magnetic field gradient ist appropriate to give evidence if a product of this kind is able to **smoothen magnetic field gradients** («**magnetic field equalizing effect**»).

In the study documented here **questions** relevant to the user were examined by measurements of the impact of the product on geopathogenic and technogenic magnetic field disturbances, such as:

- Will the product unfold its effect reliably, and
- will this be impaired by disturbing influences?

A satisfying answer to these question is a precondition for awarding the biophysical test seal by IIREC.

The **test sample** was handed over to IIREC by the manufacturer. It was plugged in at a distance of approx. 50 cm to the measuring field.

The **test field** was the disturbed magnetic field above a geological anomaly, and in another instance, a relatively smooth background field in which a smart phone (iPhone) was operated. Both fields were located in the ground floor of the institute building. The measuring field was set up as shown in fig. 1 (annex) by a wooden measuring board with 11 x 11 measuring points stenced into it.

The magnetic field disturbances of natural (geological) or technical (iPhone) origin at the measuring site may result in effects in various frequency ranges. Note that the measurements and effects reported here are restricted to the DC and ELF field in the denoted frequency range. Radio frequency (RF) electromagnetic fields of the cellular phone were not comprised by the measurements, but the DC and ELF modulations thereof were well within the measurement range.

2. Testing of Effects in the Magnetic Field

The magnetic field has particular biological relevance because it permeates the body, it is not easily shielded, it influences all life processes and exerts an immediate impact on the ions, the electrically charged particles in the body (e.g. sodium, potassium, calcium, magnesium, zinc and many others in our cells, iron in hemoglobine etc.). Signals imprinted to cell water and body water are magnetic in nature.

Testing in the magnetic field, therefore, is the first choice when examining the coherent effect of resonance products. (In physics, coherence is defined as a constant phase correlation between oscillations of single elements. Coherence is the principle that maximises the impact of subtle microscopic effects, e.g. it converts normal light to laser light.)

2.1 Method of measurement and evaluation

Test measurements were conducted according to the **grid measurement procedure** of IIREC in the DC and ELF magnetic field. The magnitude measured was the **vertical magnetic induction** in microtesla (μT). At each measuring site, a test field of 0.5 by 0.5 m was measured. In this measuring field there were 11 x 11 = 121 measuring points at a distance of 5 cm.

As a **meter** for measuring the magnetic flux density, or induction (± 3 dB range up to 18 Hz) the digital precision teslameter 05/40 by Projekt Elektronik (Berlin) was applied. A VC-960 multimeter by Voltcraft served as a data logger. The most significant particulars of the measuring system were compiled in **table 1**.

The measurement board representing the measuring field with stenced measuring points is equipped with a holder for the probe gliding on a cursor. This measurement **setting** makes it possible to move the probe to any measuring point avoiding deviations by inclination or torsion. Thus an optimal precision of measurement is guaranteed. For measurements involving a mobile phone the measuring apparatus provides a drawer. Positioned in this drawer, the cellular is situated beneath the measurement plane, in the center of the measuring field.

Teslameter	05/40
Measurement range	± 100 μT
Digital resolution	0,1 μT (with data logger 0,01 μT)
Measurement deviation	± 0,5 % of measured value @ 40 μT
Frequency range (±3 dB)	up to 18 Hz
Sensor system	fluxgate, sensitive to direction

Table 1: Significant technical data of teslameter

The **evaluation and mapping of measured data** was performed by the **data analysis software Surfer** by Golden Software. The values measured at single measuring points were interpolated by the software and mapped for the measurement area of 0.5 by 0.5 m. Contour lines were drawn along points of equal magnetic induction. The coordinate axes were labeled with lengths in m.

In the **diagrams** of the annex the areas between contour lines are colored. The respective value ranges of the vertical magnetic induction in μT can be read from the color scale. For a maximum of color differentiation a rainbow spectrum was applied in these diagrams.

The contour lines can be read in the same manner as the well-known lines of equal height in geographical maps. Lines lying close to each other indicate a strong gradient. Larger distances between the lines indicate a region with low gradients. A transition from a low gradient to a strong one or vice versa causes a disruption that will exert a biological irritation characteristic for geopathogenic zones. A smooth or "equalized" field is characterised by balanced gradients.

The effect of the product in the field can be seen when contrasting the situations without and with the impact of the product.

In order to be able to read this effect immediately from a diagram, **difference maps** were generated. In these diagrams, the mapped values are differences of measured values with and without the tested product, resp. For easy reading, these maps show threefold color: Blue color indicates a decrease, yellow color an increase (and white color constancy) of the measured value.

A **third type of diagrams** stellt maps the degree of biological disturbance for each measuring point. From the view of mathematical physics, this is calculated as the divergence of the field gradient (**field gradient divergence FGD**). More details are found in the comments to the diagrams in the annex, and in the following sections, as well.

2.2 Detailed Investigations and Results

In each case, the measurements started recording the values of the measuring field without application of technical field sources or of the product to be tested. In one instance, a geopathogenic field was measured (fig. 2), in another instance a neutral background field for measurements with an iPhone (fig. 10). In the second instance, one more measurement was conducted to monitor the disturbance brought about by a cellular phone (fig. 11). The terminal measurement was, in any instance, designed as a repetition of the measurement of the disturbed field after activation of the Harmonizer Comfort (fig. 3 and fig. 12 resp.). The measurement with the Harmonizer in the geopathogenic field was completed once more after the Harmonizer had been put to test in an extremely inhomogeneous magnetic field (fig. 4).

2.2.1 Test in a geopathogenic field

The comparison of the measurement results of the geopathogenic background (fig. 2) and of the same test field after activation and 24 hours' impact of the Harmonizer Comfort (fig. 3) reveals at first sight an effective balancing of field disturbances by the Harmonizer. The difference mapping (fig. 5) confirms boldly the effect of the Harmonizer. Moreover, from the comparison of fig. 8 to fig. 7 the geopathogenic degree of disturbances can be clearly seen to fade out by impact of the Harmonizer.

2.2.2 Stress test in an extremely inhomogeneous magnetic field

As a matter of experience, products well suitable to perform an effective balance of magnetic field disturbances may lose or even revert this effect when exposed to a strong inhomogeneity of the magnetic field. Therefore, this type of stress test forms a standard element in the testing routines of IIREC.

The stress test was conducted by exposition of the test sample of the Harmonizer Comfort during a period of 72 hours to a magnetic field that was generated by two permanent magnets of an induction of 7 mT each in an orthogonal configuration. After this period the test sample was taken back to the test field. The results of the following measurement of the field can be seen from fig. 4. This repetition of the field measurement under the impact of the Harmonizer reveals some zones of disturbance, but the difference mapping (fig. 6) confirms that the Harmonizer was as effective as before having undergone the stress test. From this we conclude that the exposition to the stressing magnetic field did not result in an impairment of the efficacy of the product. The alteration in the resulting field compared to the excellent previous result finds its explanation in natural background fluctuations.

2.2.3 Test in a technogenically disturbed field (iPhone)

In this case, the measurement series consisted of three steps: (i) The measurement of the background yielded a virtually neutral (fig. 10), relatively undisturbed (fig. 15) magnetic field. (ii) Consecutively, the effect of an iPhone in transmission mode was measured. In this case, the disturbance immediately above the smart phone is predominant (fig. 11 and fig. 16 compared to figures 10 and 15, resp.). The difference mapping (fig. 13) however reveals disturbances in the ambience of the smart phone that are weaker but have amplitudes in a biologically sensitive range of values. (iii) The third measurement was conducted in the same manner as the second one, but in this case the Harmonizer Comfort was activated. The resulting alteration of the field (fig. 12) may be traced back – by aid of the difference mapping (fig. 14) – to the effect of the Harmonizer. The evaluation of degrees of disturbance, as well, exhibits in fig. 17 the improvement in contrast to fig. 16.

3. Expert's Opinion

3.1 Metrological significance of results

The **effects found in the measurements** – on one hand the disturbing effects of various causes (geological, technical) in the test field, and on the other hand the alterations after activation of the Harmonizer Comfort – have an order of magnitude that is distinctly above the measurement uncertainty, so they are clearly classified as **significant**.

The reading of DC values on the precision teslameter 05/40 (including the ELF contribution) exhibits variations of 0,05 μT. Measured values, therefore, are certain if exceeding 0,1 μT. For effects evaluated as differences (between a "disturbed" field and a "balanced" one) according to laws of metrology, the threshold of certainty is computed at 0,14 μT (= 0,1 μT times square root of 2). Accordingly, DC effects from 0,15 μT upward are classified as certain.

The ranges of values in the difference maps (figures 5, 6, and 14) immediately tell us that this criterion is fulfilled at numerous measuring points. *The effects found exceed distinctly the measurement uncertainty and thus are metrologically significant.*

Moreover the results that were outlined in detail in section 2.2 and in the illustrations in the annex give the following answers to the themes of investigation presented in the introduction:

- The Harmonizer Comfort unfolds its **measurable impact of balancing the magnetic field within 24 hours in a geopathogenic field, or within 30 minutes on technogenic magnetic field disturbances in the ambience of a smart phone in transmission mode.**
- The efficacy of the product is not lost after a 72 hours' **Exposition to a strong and extremely inhomogeneous magnetic field.**

3.2 Biological relevance of results

The human body, as a "receiving antenna", is endowed with maximal biological sensitivity in those ranges where natural electromagnetic fields prevail or variate. The variations of the geomagnetic field e.g. range to an order of magnitude of 0,2 μT. In the measurement series conducted we gave evidence of the ability of the product to balance disturbances in this range of tenths of microtesla. This property is **of utmost biological importance, because it reduces the degree of disturbance to a scale that does no biological harm.**

To be sure in this point, the degree of biological disturbance, or irritation, was evaluated for the measuring points in the test field (**field gradient divergence FGD**, figures 7 to 9, and 15 to 17). The mapping of results of this data analysis reveals the improvement brought about by impact of the Harmonizer Comfort.

In the study documented here the **impact of the Harmonizer on geopathogenic as well as technogenic disturbances** was tested. Magnetic disturbances of these types imponder biologically quite often **at sleeping and working places**, because of long duration of stay.

The **effets of the Harmonizer that were evidenced here (balance of geopathogenic and technogenic disturbances,** and **resistance against strong magnetic field disruptions**) confirm, on the whole, a remarkable **reliability** of the product.

3.3 Awarding of test seal

Thus, by **objective physical measurements** with meters sensitive to **magnetic induction** the reliability and stress resistance of the biologically beneficial effect of the Harmonizer Comfort, namely its balancing of magnetiv field gradients, was proven.

With this being evidenced, the conditions for awarding the test seal of IIREC to the product are fulfilled. The manufacturer/contractee is entitled – under the additional terms and premises quoted below – to declare the product «Harmonizer Comfort» as »tested by IIREC« and to attach the following test seal to the product:

Terms:

(1) The validity of the test seal shall be prolongued in due time before expiration.

(2) IIREC shall be informed immediately of any alteration of the terms of manufacturing or of the effect of the product.

(3) The test seal shall not be applied any longer, should future testing by IIREC find a decline of product quality, or one of the terms of application not to be met any more.

Premises:

(1) The consumers of the product shall be notably informed on the proper application of the product, and that a combination with a different product might be counterproductive and should be avoided.

Important notes:

(1) The test seal may be applied with the product, the product documents, or the product wrapping, wherever a seal is attached by the manufacturer.

(2) IIREC will offer to the contractee in due time, before expiration of the validity of the test seal, a periodic audit and prolongue, in case of a positive result, the validity of the test seal.

(3) If desired, IIREC will elaborate suggestions for an extended quality assurance of the product.

(4) It is up to the manufacturer to care for constant product quality.

By his signature the expert confirms that the measurements and evaluations were conducted under his supervision, and the results being correct within the precision limits of measurement and evaluation.

Walter Hannes Medinger, MSc, PhD

Generally Sworn and Certified Expert at Court
Scientific Head of IIREC
International Institute for *EMC* Research
Electro***M***agnetic ***C***ompatibility on a biophysical foundation

Annex:

17 Illustrations

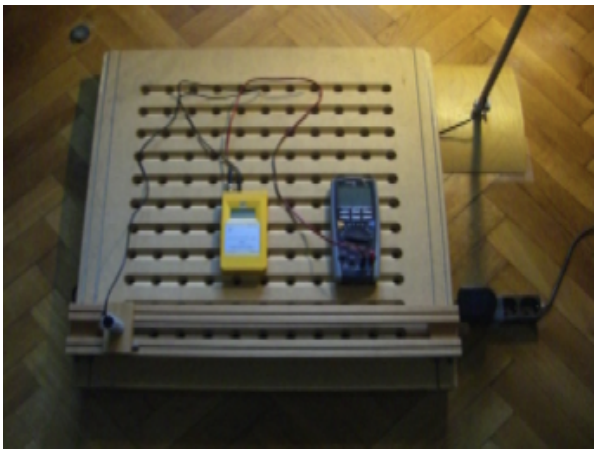

Fig. 1: Measurement setting

For each measuring procedure the measuring apparatus was set up in the field. It is made up of a wooden measuring board with holes arranged in a regular grid representing the measuring points. A cursor – to which the probe (black) is fixed in a holder (white) – can be moved to any measuring point. The teslameter (yellow) as the registration unit proper is connected to the data logger (grey). – For measurements in the ambience of a mobile phone, the mobile is positioned in a drawer, immediately beneath the center or the measuring field.

The diagrams to follow show interpolations of values that were measured in a **geopathogenic field.** These diagrams were generated by the data analysis software Surfer by Golden Software.

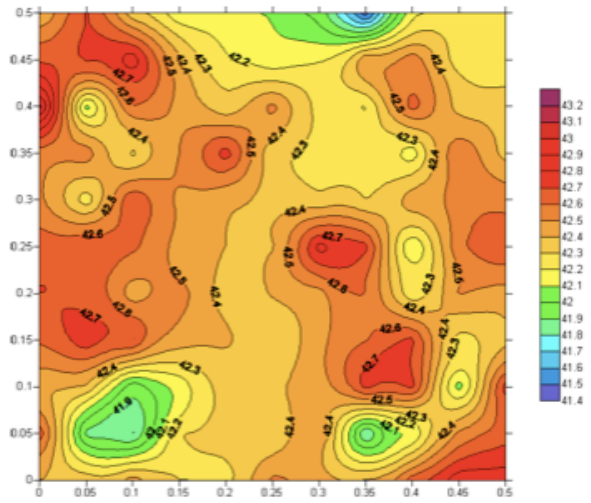

Fig. 2: Basis measurement – geopathogenic field

The diagram to the left is a map of the vertical magnetic flux density in microtesla (μT) as indicated by the color scale and the contour lines. The values at the measuring points match exactly the measured values. Values in between were interpolated by the software.

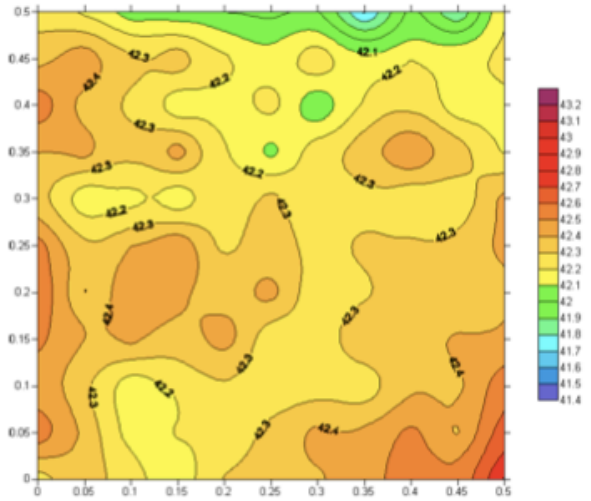

Fig. 3: Measurement of the same field with Harmonizer Comfort

Analogously to fig. 2, this diagram maps the values in the field, but this time after activation of the Harmonizer Comfort by plug-in.

Compared to fig. 2, an extensive levelling of imbalances („magnetic field equalization“) shows up. Thruout most of the measuring field, the field values range within the ideal natural range of 42.3 ± 0.1 microtesla.

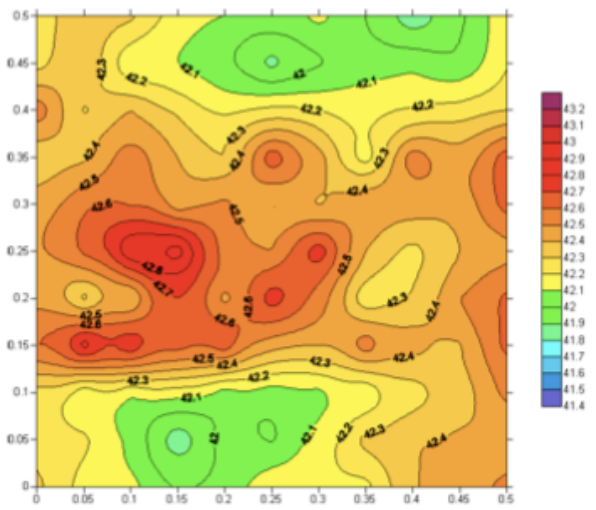

Fig. 4: Measurement with Harmonizer Comfort following stress test

This map shows the field values in the test field with Harmonizer Comfort, measured after the Harmonizer was put to a 72 hours' stress test in an extremely inhomogeneous magnetic field.

Compared to fig. 3 an increase of irregularities in the field is found. A more detailed assessment is necessary in order to discern whether the Harmonizer has lost in efficacy during the stress test. Another possibility is a rise of geopathogenic activity while the efficacy of the Harmonizer was not impaired.

The followig illustrations exhibit for each measuring point a difference of values that were measured in two measurement situations (cf. Diagrams 2 to 4), thus representing the *net effect* of the Harmonizer before and after the stress test.

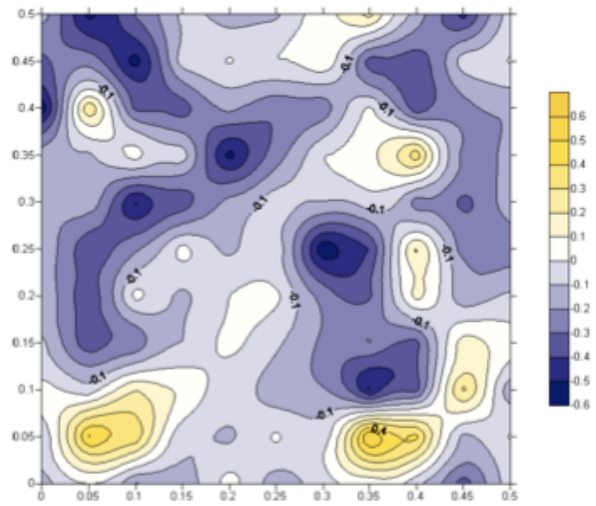

Fig. 5: Effect of Harmonizer Comfort before the stress test

The values in this diagram are differences of values from fig. 3 minus fig. 2, in other words: it maps the difference brought about by a 24 hours impact of the Harmonizer Comfort against the background.

Blue color indicates a decline, yellow color a rise in values.

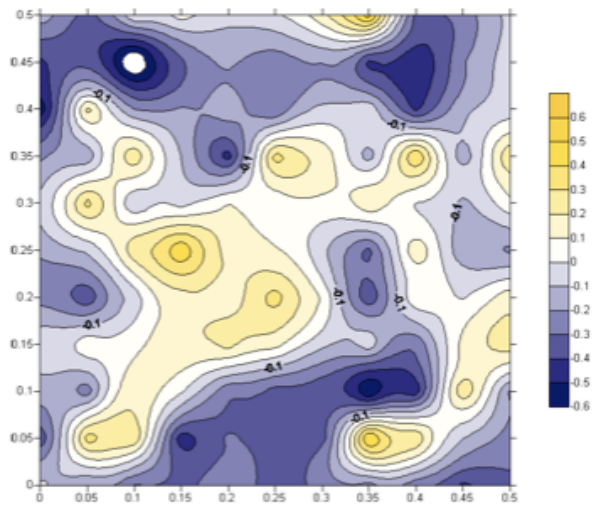

Fig. 6: Effect of Harmonizer Comfort after being stressed in an extremely inhomogeneous magnetic field

This diagram maps the difference of values from fig. 4 minus fig. 2, i.e. the effect of the Harmonizer having undergone the stress test, against the geopathogenic background.

In the center of the field, some modifications show up compared to fig. 5. Yet the generell structure of the differences is the same as before, and the extent oft he effects brought about by the Harmonizer ranges in the same order of magnitude as before the stress test, the test thus being passed.

In the series of illustrations to follow, for each measuring point the field gradient divergence (FGD) is mapped as a **measure of the degree of biological disturbance** in the magnetic field. The unit of the values indicated here is microtesla/m/m.

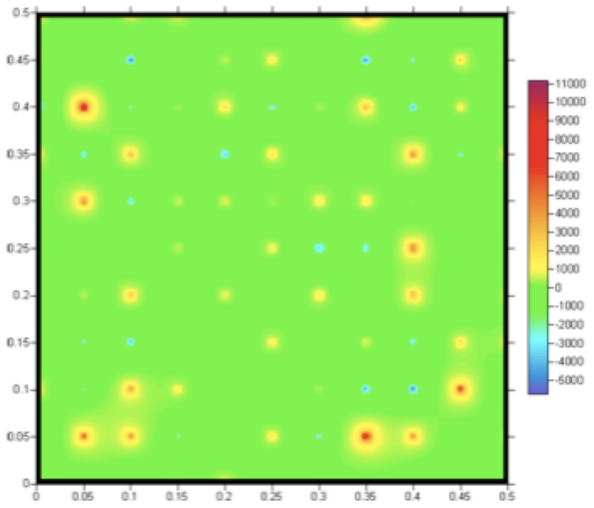

Fig. 7: Degree of disturbance at the measuring points of the background field (cf. fig. 2)

This diagram represents an evaluation of the data mapped in fig. 2 for each measuring point.

The degree of biological disturbance can be read from the intensity of color and the diameter of color circles at the single measuring points.

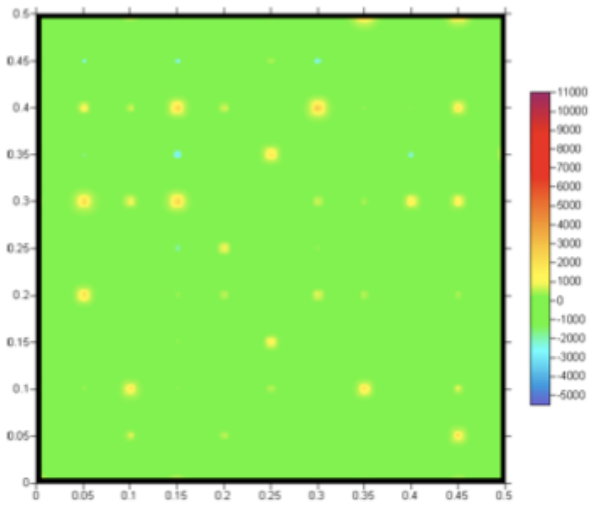

Fig. 8: Degree of disturbance with Harmonizer Comfort (cf. fig. 3)

Compared to fig. 7 the disturbances of biological relevance are evidently dissolved.

Degrees of disturbance ranging from 1,000 to 2,000 microtesla/m/m (i.e. 1 to 2 millitesla/m/m) are harmless and ubiquitous even in case of an undisturbed natural background.

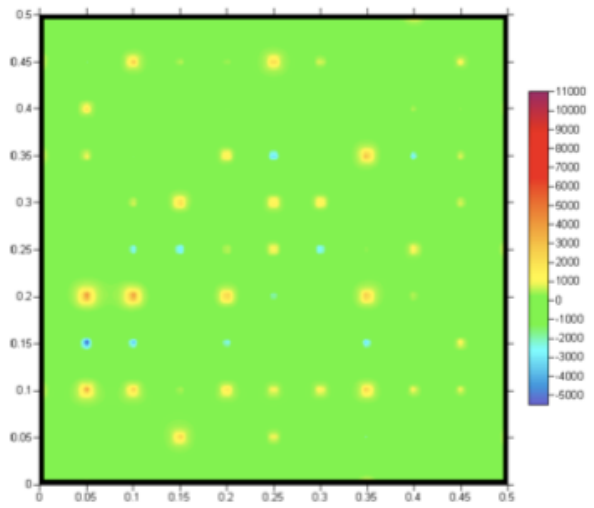

Fig. 9: Degree of disturbance with Harmonizer Comfort after stress test (cf. fig. 4)

Compared to the measurement with the Harmonizer before the stress test (fig. 8), there was a slight increase in degrees of disturbance. The most important point is however that the troublesome disturbances that were indicated in red in fig. 7 do not show up any more.

This result indicates clearly that the Harmonizer is still effective in improving the biological quality oft he field compared to the geopathogenic background.

The following series of illustrations maps shows the results of measurements of **magnetic field disturbances in the ambience of a smart phone (iPhone)** in transmission mode with and without an Harmonizer Comfort.

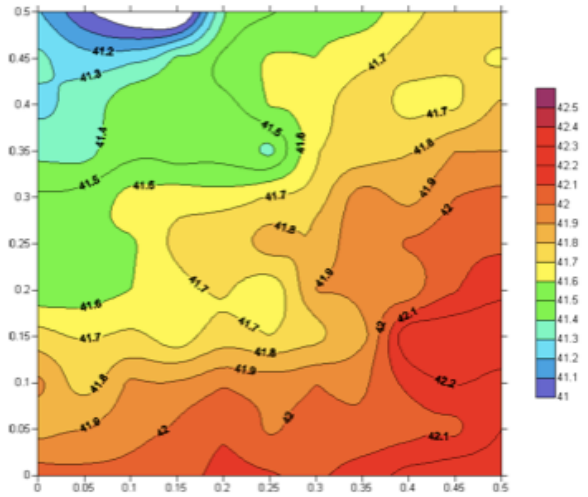

Fig. 10: Basis field for the measurements with the iPhone

This field exhibits a relatively even graduation of the magnitude to be measured (i.e. the vertical magnetic flux density) ranging from 41.2 to 42.2 microtesla, representing a properly undisturbed background.

In this diagram and the following ones we return to the mapping of measured values in the same manner as offered in fig. 2 to 4.

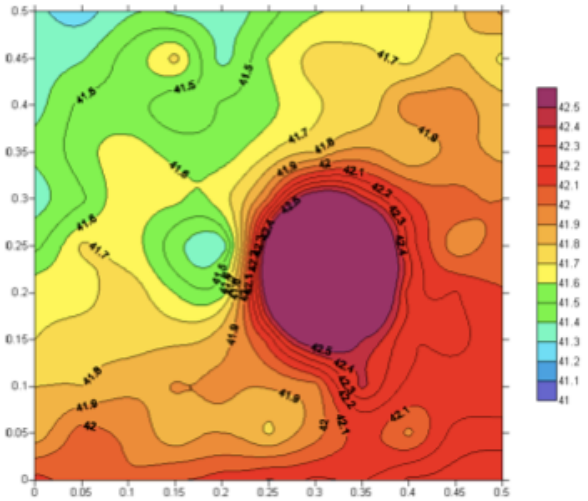

Fig. 11: Measurement with the iPhone in the field (without an Harmonizer)

At a first glimpse strong magnetic field disruptions are noticed in the centre of the field, rising immediately above the mobile. Values above 42.5 microtesla were truncated. These are not subject of our investigation, however, because in the phoning situation they will stay out of the head and can not be reduced by the Harmonizer.

More detailed assessment will show that there are additional magnetic field disturbances in the ambience of the iPhone. We will examine whether these are influenced by the Harmonizer.

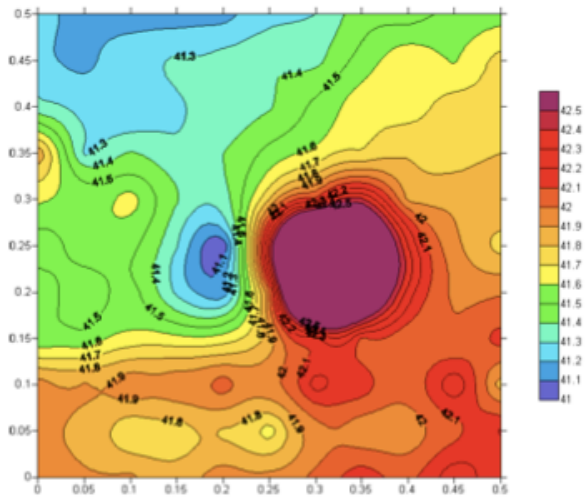

Fig. 12: Measurement with the iPhone in the field (with Harmonizer)

This diagram represents the same situation as in fig. 11, but the measurement was conducted after activating the Harmonizer Comfort by plug-in near the measuring field.

Obviously, there is an alteration compared to the results of the reference measurement (fig. 11). Detailed assessment will discriminate whether this effect is due to the impact of the Harmonizer or to alterations of the background.

Now will follow – in analogy to fig. 5 and 6 – *difference mappings* representing the net effect of the Harmonizer Comfort.

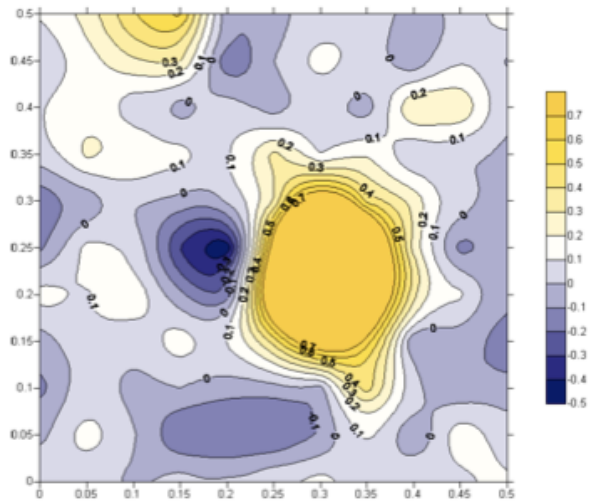

Fig. 13: Effect of the iPhone (without an Harmonizer)

This diagram maps for each measuring point the difference of measured values from fig. 11 minus fig. 10.

Apart from the strong effects immediately above the iPhone showing up in the center of the field additional magnetic field disturbances are recognisable in the surroundings amounting at 0.1 to 0.2 microtesla.

This is the amplitude of natural magnetic field variations. It is of great biological relevance, because the body is very susceptible to this amplitude, and in the phoning situation these disturbances extend to sensitive regions inside the head.

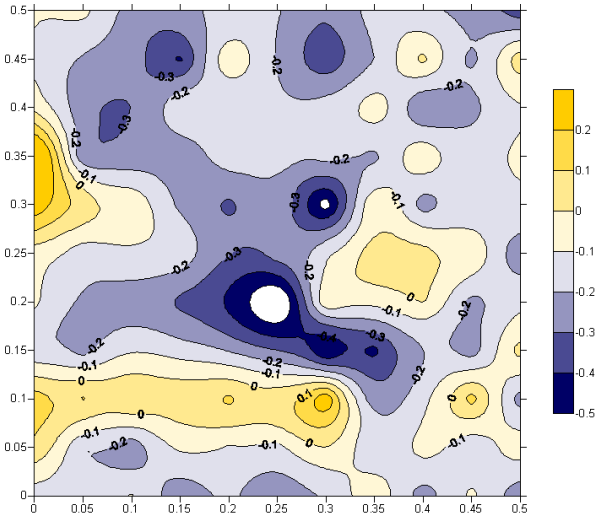

Fig. 14: Effekt of the Harmonizer

This net effect is mapped in the neighbouring diagram as the difference of the values from fig. 12 minus fig. 11.

This diagram answers the question, what was the impact of the Harmonizer on the situation with the iPhone in the field.

It can be recognised that these alterations have considerable amounts (to -0.5 microtesla) balancing the effects in the ambience of the iPhone. (Where in fig. 13 an increase of values was indicated in yellow color, a decrease is indicated in fig. 14 in blue color, and vice versa.)

At last, the *degrees of biological disturbance* in the measuring field are mapped as in fig. 7 to 9.

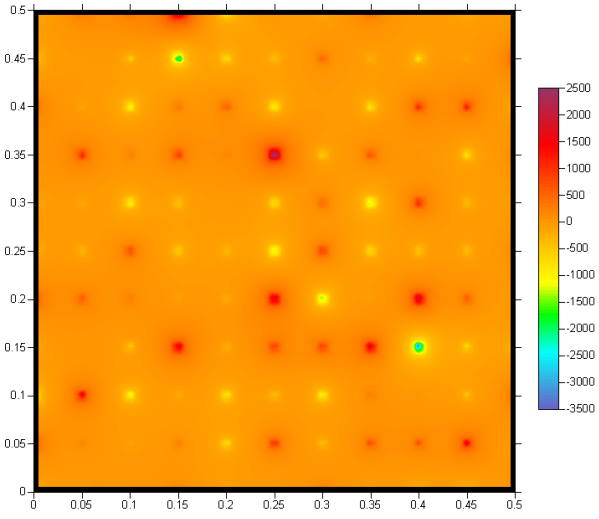

Fig. 15: Degree of disturbance in the background field

The mapping shows a relatively low level of disturbance in the background field.

(Note that the scale of values was shifted compared to fig. 7.)

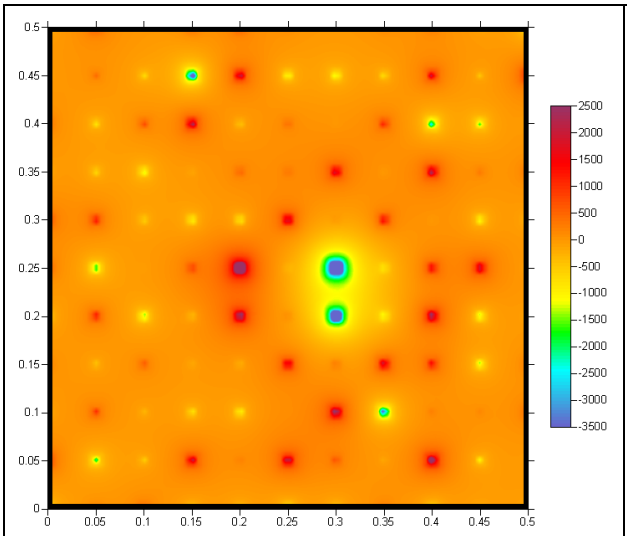

Fig. 16: Degree of disturbance with iPhone in the field

Analogously to fig. 11, the mapping of degrees of disturbance exhibits the strongest effects in the center of the field (immediately above the iPhone). Additional disturbances are indicated by red, violet and blue colors in the ambience, as well.

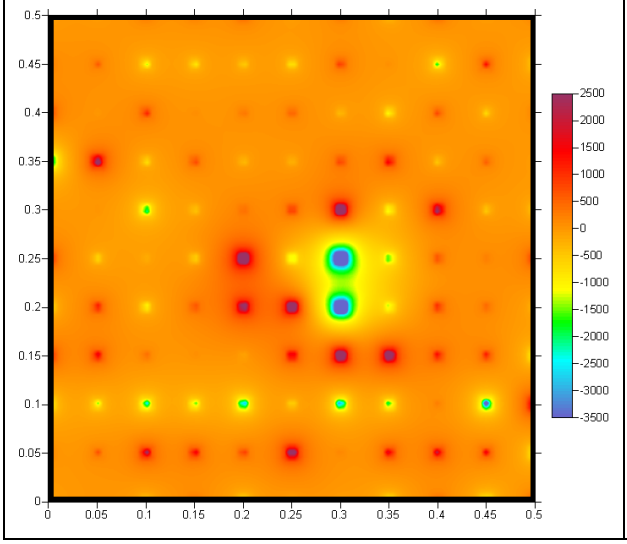

Fig. 17: Degree of disturbance with iPhone in the field, under the impact of the Harmonizer Comfort

As an effect of the Harmonizer, it can be clearly seen here that the maximum disturbances were concentrated very close to the iPhone.

Note that the upper part of the field, e.g., is widely free of disruptions.

BIOENERGETIC
by Thomas Wirnshofer

Humanenergetik mit
Mikrostromanwendung

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Air particle measurement in the Chiemsee-Apotheke OHG pharmacy in 83339 Chieming, Hauptstraße 4

Air particle with the MALVERN Laser Particle Counter MPC 3106 particle measurement device

Declaration and objective of the measurement:

When using the particle measurement device, 28 litres from one room were sucked in through two sheets of glass in one minute. A different pattern arises from the laser emissions through the sheets of glass. On the basis of this distribution, a client can determine and count the size of the particles.

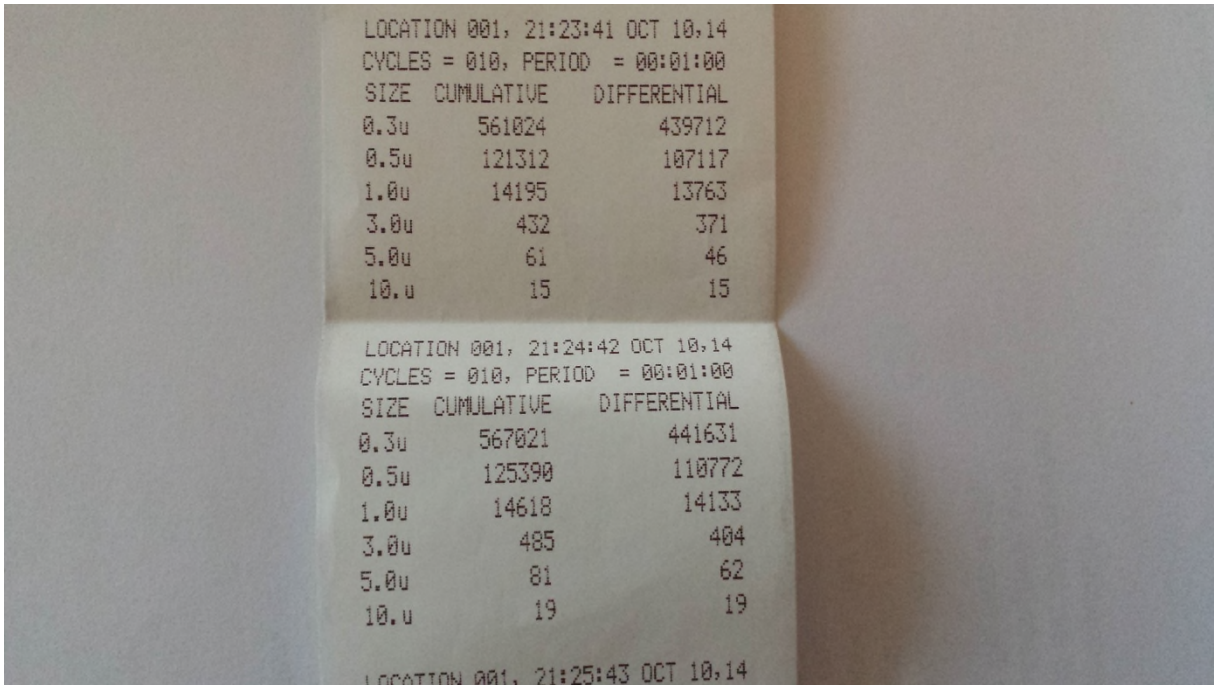
During this measurement process, 0.3/0.5/1.0/3.0/5.0/10.0 micrometres were measured. Particle counters are used in clinics and also in the manufacturing of medicaments for inspecting the clean room conditions.

Potential influences on the measurement result: Temperature, air humidity, draught and direct sunlight

Declaration, measured object, pharmacy:

- Chiemsee-Apotheke pharmacy in 83339 Chieming. The proprietor Mr. Roeder was also present
- Date: 10th October 2014 at 6:15 pm
- Weather sunny, but with no direct sunlight into the pharmacy / doors closed / lighting in operation
- Temperature at the first measurement 22.7 degrees Celsius
- Air humidity 51%
- Measurement units 10 pieces, a total of 30 measurements without interference suppression
- Ceiling height 2.54 metres
- A number of connected rooms, doors opened, no draught
- Suction height with anti-static hose from the counter 85 cm
- Pharmacy equipmen : vapour lamps, carpets in the area behind the counter, radiators, a number of checkouts, WLAN

Result particle measurement first measurement average after 30 measurements:



LOCATION 001, 21:23:41 OCT 10,14
CYCLES = 010, PERIOD = 00:01:00

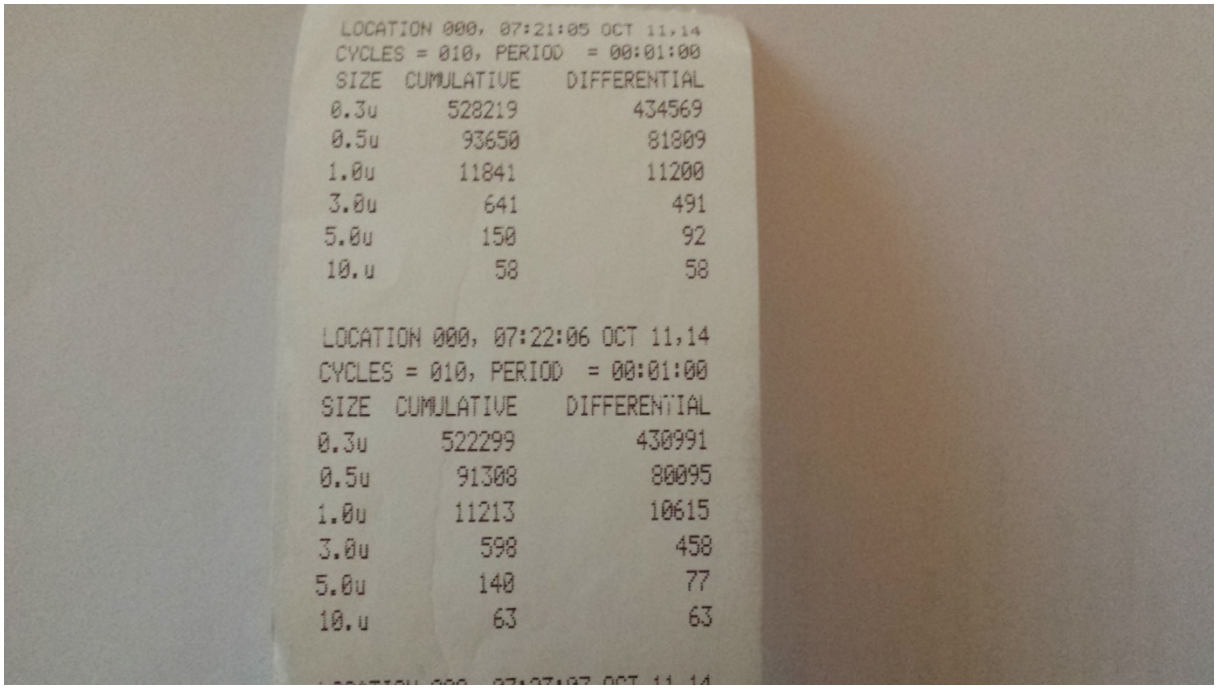
SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	561024	439712
0.5u	121312	107117
1.0u	14195	13763
3.0u	432	371
5.0u	61	46
10.u	15	15

LOCATION 001, 21:24:42 OCT 10,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	567021	441631
0.5u	125390	110772
1.0u	14618	14133
3.0u	485	404
5.0u	81	62
10.u	19	19

LOCATION 001, 21:25:43 OCT 10,14

Re-measurement 2nd day with Harmonizer Comfort installed
(on 10/10/2014 at 9:40 pm):
Date 11/10/2014 / Time from 7:21 am
Air humidity 50%
Temperature 22.3 degrees Celsius



LOCATION 000, 07:21:05 OCT 11,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	528219	434569
0.5u	93650	81809
1.0u	11841	11200
3.0u	641	491
5.0u	150	92
10.u	58	58

LOCATION 000, 07:22:06 OCT 11,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	522299	430991
0.5u	91308	80095
1.0u	11213	10615
3.0u	598	458
5.0u	140	77
10.u	63	63

Re-measurement after one week with Harmonizer Comfort installed
(on 10/10/2014 at 9:40 pm):
Date 19/10/2014 / Time from 6:17 pm
Air humidity 45%
Temperature 23.5 degrees Celsius

LOCATION 001, 18:17:21 OCT 19,14
CYCLES = 000, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	243297	166395
0.5u	76902	53335
1.0u	23567	22277
3.0u	1290	997
5.0u	293	215
10.u	78	78

LOCATION 001, 18:20:32 OCT 19,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	242482	167006
0.5u	75476	52528
1.0u	22948	21592
3.0u	1356	1028
5.0u	328	227
10.u	101	101

LOCATION 001, 18:21:33 OCT 19,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	243483	167303
0.5u	76180	53385
1.0u	22795	21501
3.0u	1294	1009
5.0u	285	203
10.u	82	82

LOCATION 001, 18:22:34 OCT 19,14

Assessment, results after the measurements in the Apotheke Chieming pharmacy:
No significant change was determined after approximately 8 hours.
Reduction in dust 0.3 micrometres: approx. 8.8%

Assessment after 9 days installation of Harmonizer Comfort:

Reduction in dust: 0.3 micrometres: 56.8 %

Despite air humidity of 45 % and temperature of 23.5 degrees Celsius.

Chieming, dem 23.10.2014

BIOENERGETIC
by Thomas Wirnshofer

Humanenergetik mit
Mikrostromanwendung

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Air particle measurement in the Pizzeria Aldente

in 83339 Chieming Air particle with the MALVERN Laser
Particle Counter MPC 3106 particle measurement device

Declaration and objective of the measurement:

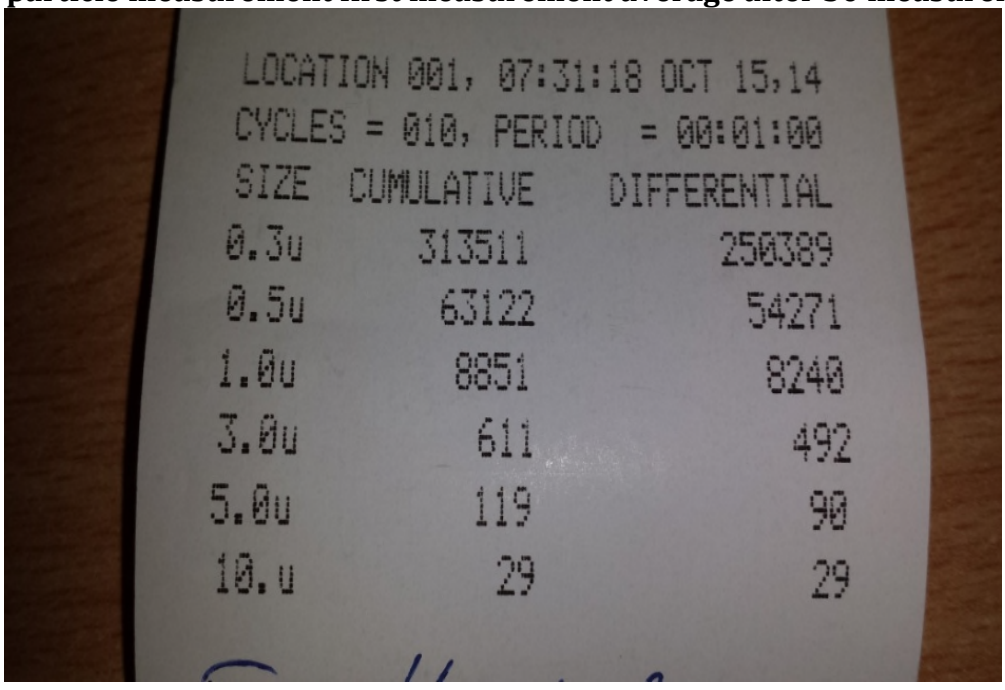
When using the particle measurement device, 28 litres from one room were sucked in through two sheets of glass in one minute. A different pattern arises from the laser emissions through the sheets of glass. On the basis of this distribution, a client can determine and count the size of the particles.
During this measurement process, 0.3/0.5/1.0/3.0/5.0/10.0 micrometres were measured. Particle counters are used in clinics and also in the manufacturing of medicaments for inspecting the clean room conditions.

Potential influences on the measurement result:
Temperature, air humidity, draught and direct sunlight

Declaration on the property measured, a pizzeria:

- Pizzeria Aldente in 83339 Chieming
- Date: 18th October 2014 at 7:31 am
- Weather: sunny, but with no direct sunlight into the Pizzeria/doors closed/ lighting in operation
- Temperature at the first measurement 23.2 degrees Celsius
- Air humidity 50%
- Measurement units 10 pieces, a total of 30 measurements without interference suppression
- Ceiling height 3.31 metres
- A number of connected rooms, doors opened, no draught
- Suction height with anti-static hose from the counter 75 cm
- Pizzeria equipment: emitters, wooden flooring, tiles, Wodtke pellet stove, radiators, a number of radio ordering devices, WLAN
- First measurement without Harmonizer Comfort, without pellet stove heating periods
- Additional measurements with Harmonizer Comfort in the heating periods

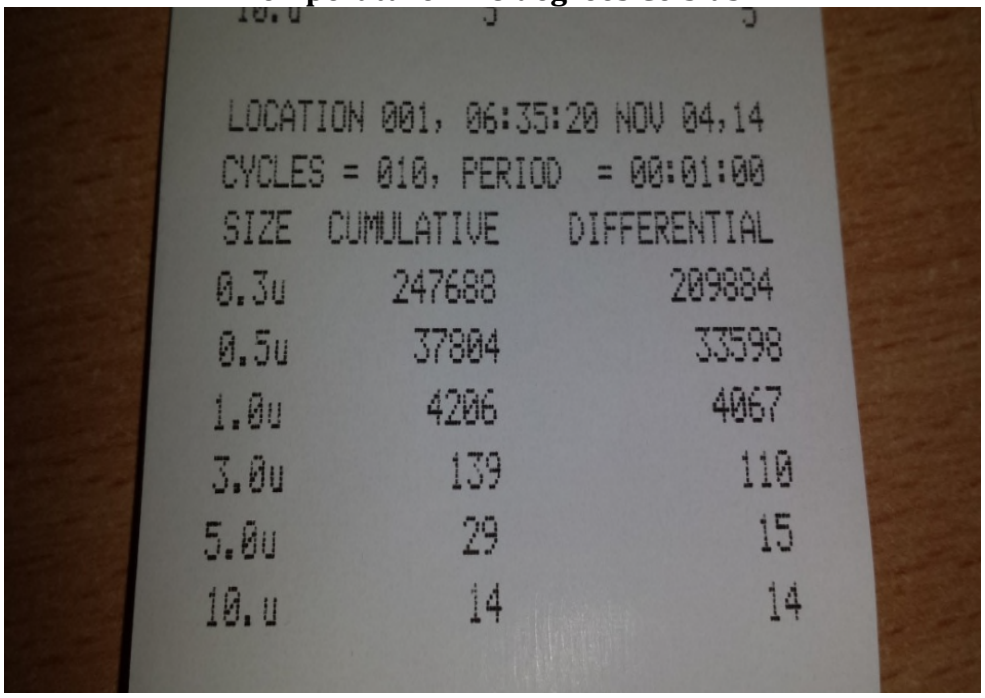
Result particle measurement first measurement average after 30 measurements:



LOCATION 001, 07:31:18 OCT 15,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	313511	250389
0.5u	63122	54271
1.0u	8851	8240
3.0u	611	492
5.0u	119	90
10.u	29	29

Re-measurement after three weeks with Harmonizer Comfort installed
(on 15/10/2014 at 8:35 am)
Date 04/11/2014 / Time from 6:35 am
Air humidity 43%
Temperature 21.8 degrees Celsius



LOCATION 001, 06:35:20 NOV 04,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	247688	209884
0.5u	37804	33598
1.0u	4206	4067
3.0u	139	110
5.0u	29	15
10.u	14	14

Assessment, results after the measurements in the Pizzeria Aldente Chieming: as a result of the additional fine dust pollution from the pellet stove during the heating period, an increase of the measurements during the 2nd measurement occurred.
After three weeks, the first measurement was also reduced despite the heating operation!

Assessment after 20 days installation of Harmonizer Comfort:
Reduction in dust: 0.3 micrometer: 21%
Despite air humidity of 43% and temperature of 21.8 degrees Celsius.
Also despite heating operation.

Chieming, dem 05.11.2014

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Air particle measurement in Villa Wallner in 83339 Chieming. Air particle with the MALVERN Laser Particle Counter MPC 3106 particle measurement device

Declaration and objective of the measurement:

When using the particle measurement device, 28 litres from one room were sucked in through two sheets of glass in one minute. A different pattern arises from the laser emissions through the sheets of glass. On the basis of this distribution, a client can determine and count the size of the particles.

During this measurement process, 0.3/0.5/1.0/3.0/5.0/10.0 micrometres were measured. Particle counters are used in clinics and also in the manufacturing of medicaments for inspecting the clean room conditions.

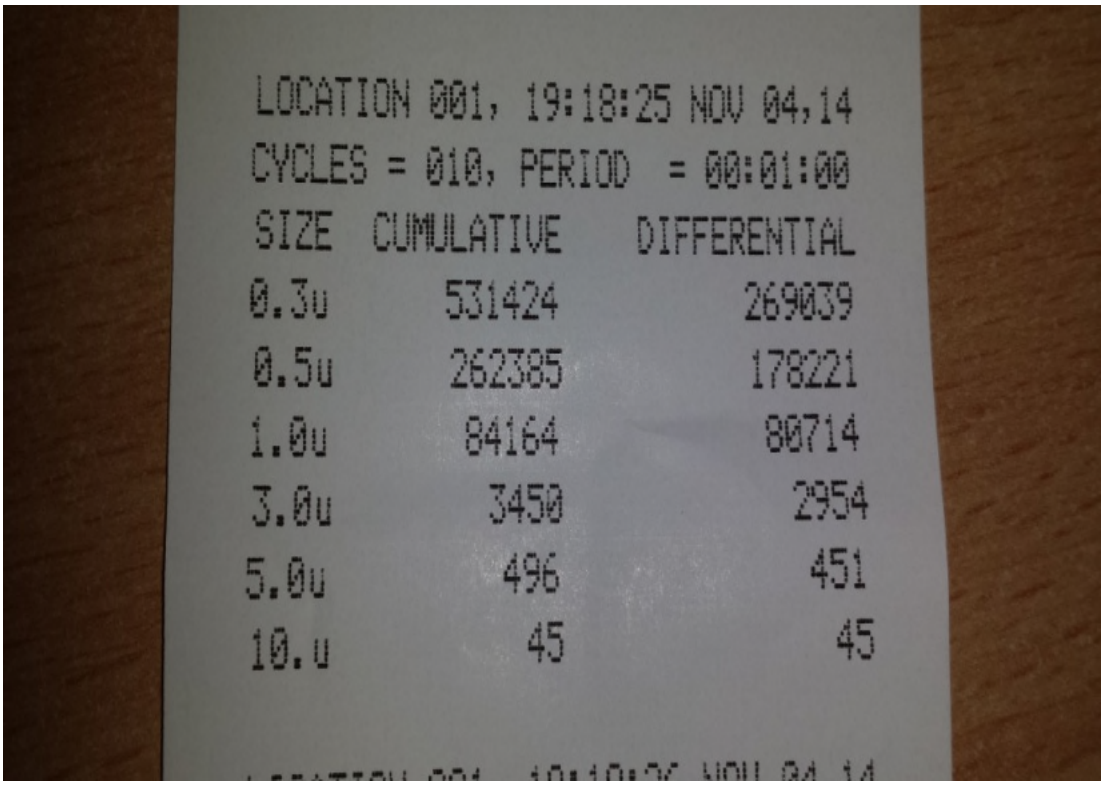
Potential influences on the measurement result: Temperature, air humidity, draught and direct sunlight

Air particle measurement in Villa Wallner:

Declaration on the property measured, Villa Wallner:

- Villa Wallner in 83339 Chieming, Mr Wallner was present
- Date: 04th November 2014 at 7:18 pm
- Weather: sunny, but with no direct sunlight into the Villa/ Doors to two rooms were open / lighting in operation
- Temperature at the first measurement 18.5 degrees Celsius
- Air humidity 51%
- Measurement units 10 pieces, a total of 30 measurements without interference suppression
- Ceiling height 3.16 metres
- A number of connected rooms, doors open, no draught
- Suction height with anti-static hose from from the sofa 40 cm
- Villa equipment: lamps, parquet flooring in the area, radiators, mantelpiece / wood- burning stove, WLAN

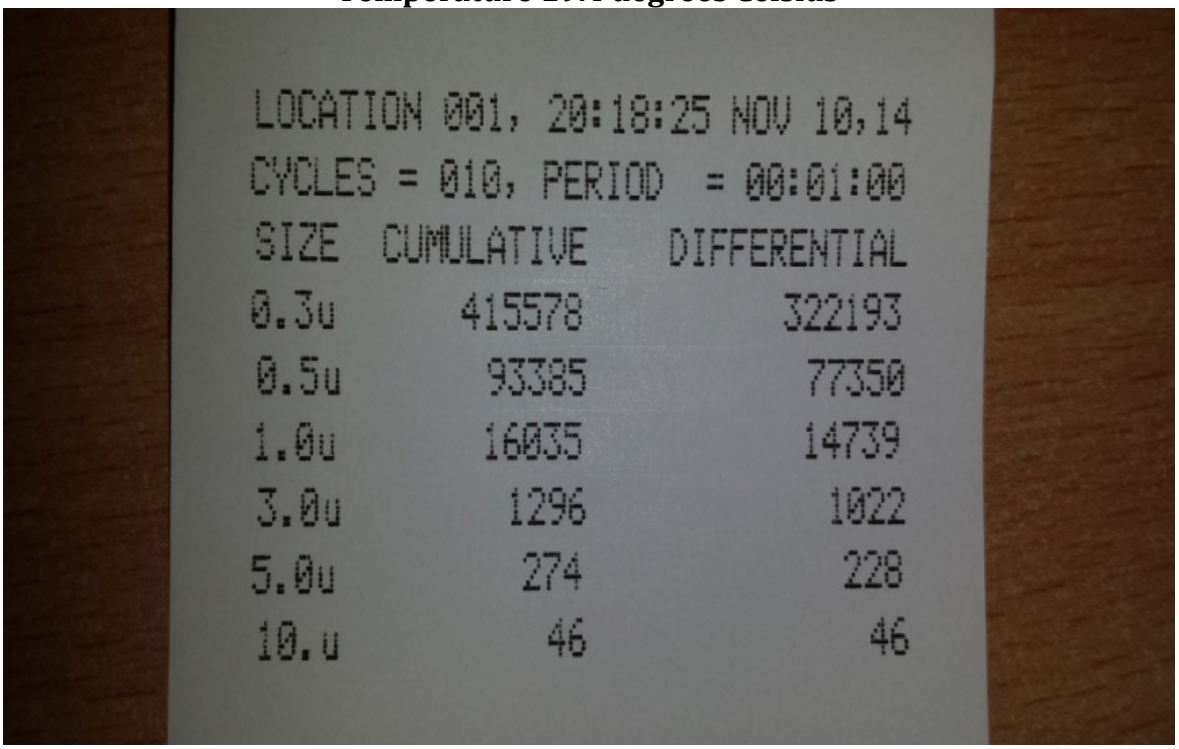
Result particle measurement first measurement average after 30 measurements:



LOCATION 001, 19:18:25 NOV 04,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	531424	269039
0.5u	262385	178221
1.0u	84164	80714
3.0u	3450	2954
5.0u	496	451
10.u	45	45

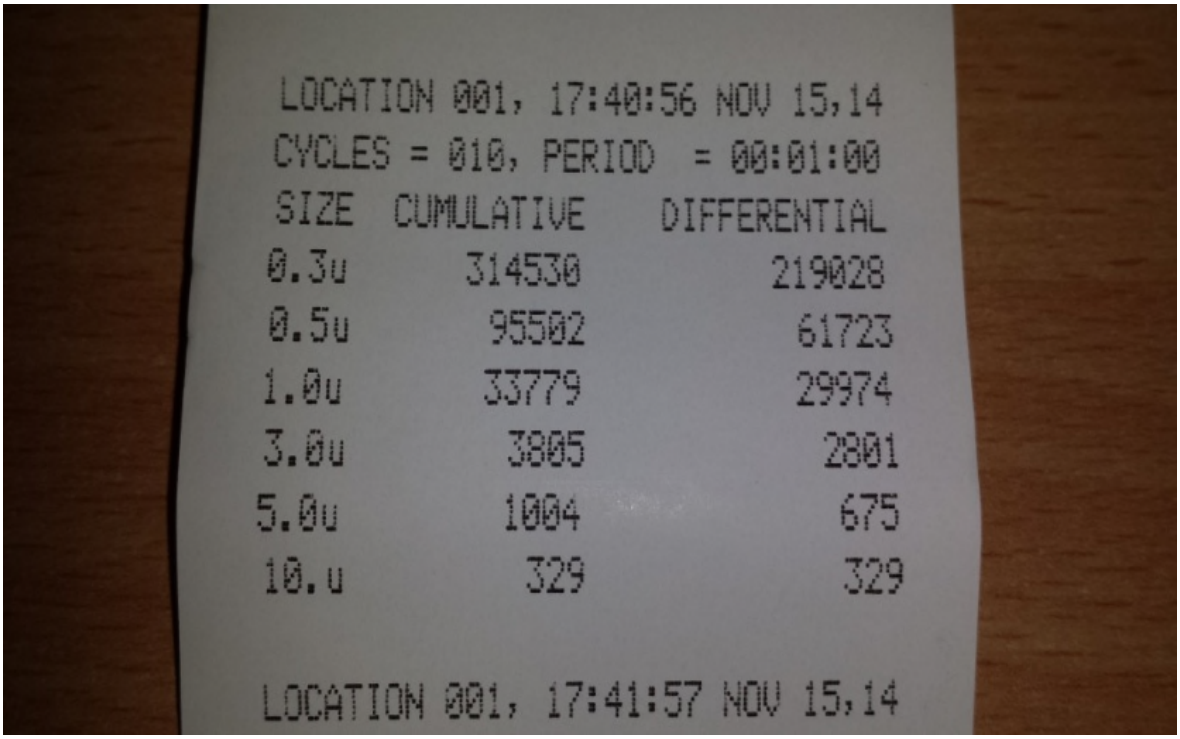
Re-measurement after 6 days with Harmonizer Comfort installed (on 04/11/2014 at 8:15 pm):
Date 10/11/2014 / time from 8:18 am
Air humidity 49%
Temperature 19.4 degrees Celsius



LOCATION 001, 20:18:25 NOV 10,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	415578	322193
0.5u	93385	77350
1.0u	16035	14739
3.0u	1296	1022
5.0u	274	228
10.u	46	46

Re-measurement after a further 6 days with Harmonizer Comfort installed (on 04/11/2014 at 8:15 pm):
Date 15/11/2014 / Time from 5:15 pm
Air humidity 49%
Temperature 18 degrees Celsius



LOCATION 001, 17:40:56 NOV 15,14
CYCLES = 010, PERIOD = 00:01:00

SIZE	CUMULATIVE	DIFFERENTIAL
0.3u	314530	219028
0.5u	95502	61723
1.0u	33779	29974
3.0u	3805	2801
5.0u	1004	675
10.u	329	329

LOCATION 001, 17:41:57 NOV 15,14

Assessment, results after the measurements in the Villa in Chieming:
A change was determined after approximately 6 days.
Reduction in dust 0.3 micrometres: approx. 21.83%

Assessment after a total of 11 days installation of Harmonizer Comfort Reduction in dust: 0.3 micrometres: 41% Despite air humidity of 49% and temperature of 18 degrees Celsius.

Chieming, dem 16.11.2014

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Symbioceuticals – Harmonizer Car

IIREC

International Institute for Research on
Electromagnetic Compatibility

Biophysical testing of the effect of the product «Harmonizer Car» – including stress resistance – in disturbed magnetic fields of a passenger car

Report no.	124/2014
Date	December 18th, 2014
Contractee	**Symbioceuticals – Harmonizer GmbH** Mr Jürgen Lueger Gangsteig 2 AT-5082 Grödig
Contractor/ Expert	**IIREC Dr. Medinger e.U.** Mag. Dr. Walter Hannes Medinger Ringstrasse 64 AT-3500 Krems an der Donau
Number of pages	11 (**excluding annex**)
Annex	7 illustrations

Contents

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Important notes:

The right of exploitation of this report lies exclusively with the contractee. Not touching this right, this report remains, according to valid law, intellectual property of the contractor, IIREC Dr. Medinger e.U. The contractor keeps the right of use, as well, for the complete report or any part of it that was not explicitly declared confidential by the contractee.

In case of exploitation by the contractee, the report must not be handed on in an abbreviated version or a modified version.

The scope of this report is exclusively the documentation and evaluation of effects that were assessed by objective physical measurement. Neither the investigation of manufacturing nor of mode of operation of the product was contracted. It is up to the manufacturer to care for constant product quality.

1. Subject of Investigation

The international institute IIREC was mandated by Symbioceuticals – Harmonizer GmbH to test the effect of the product «Harmonizer Car» by objective measurements (with physical meters, independent of the subjective sensitivity of humans).

According to experience by IIREC the procedure of grid measurement of the vertical component of magnetic flux density, or induction, in the static (DC) and extremely low frequency (ELF) magnetic field (± 3 dB range up to 18 Hz) including the evaluation of the divergence of the magnetic field gradient ist appropriate to give evidence if a product of this kind is able to **smoothen magnetic field gradients** («**magnetic field equalizing effect**»).

In the study documented here **questions** relevant to the user were examined by measurements of the impact of the product on technogenic magnetic field disturbances in a passenger car, such as:

- Will the product unfold its effect reliably, and
- will this be impaired by disturbing influences?

A satisfying answer to these question is a precondition for awarding the biophysical test seal by IIREC.

The **test sample** was handed over to IIREC by the manufacturer. For testing, it was attached to the battery of the test car.

The **test field** was the disturbed magnetic field on the driver seat of the car. The measuring field was set up as shown in fig. 1 (annex) by a wooden measuring board with 11 x 11 measuring points stenced into it.

The electromagnetic technologies in a passenger car (electric installation with DC or low frequency AC from the battery and the dynamo machine, resp., ignition sparks, radio control with RF electromagnetic waves, magnetization of vehicle body and steel tyres etc.) operate in various ranges of frequency and emit several types of fields.

Note that the measurements and effects reported here are restricted to the DC and ELF field in the denoted frequency range. Neither radio frequency (RF) electromagnetic fields nor DC and LF electric fields were comprised by the measurements, but DC magnetic fields and their modulations in the ELF range.

2. Testing of Effects in the Magnetic Field

The magnetic field has particular biological relevance because it permeates the body, it is not easily shielded, it influences all life processes and exerts an immediate impact on the ions, the electrically charged particles in the body (e.g. sodium, potassium, calcium, magnesium, zinc and many others in our cells, iron in hemoglobine etc.). Signals imprinted to cell water and body water are magnetic in nature.

Testing in the magnetic field, therefore, is the first choice when examining the coherent effect of resonance products. (In physics, coherence is defined as a constant phase correlation between oscillations of single elements. Coherence is the principle that maximises the impact of subtle microscopic effects, e.g. it converts normal light to laser light.)

2.1 Method of measurement and evaluation

Test measurements were conducted according to the **grid measurement procedure** of IIREC in the DC and ELF magnetic field. The magnitude measured was the **vertical magnetic induction** in microtesla (μT). At the measuring site (the driver seat in a passenger car) a test field of 0.5 by 0.5 m was measured. In this measuring field there were 11 x 11 = 121 measuring points at a distance of 5 cm.

As a **meter** for measuring the magnetic flux density, or induction (± 3 dB range up to 18 Hz) the digital precision teslameter 05/40 by Projekt Elektronik (Berlin) was applied. A VC-960 multimeter by Voltcraft served as a data logger. The most significant particulars of the measuring system were compiled in **table 1**.

The measurement board representing the measuring field with stenced measuring points is equipped with a holder for the probe gliding on a cursor. This measurement **setting** makes it possible to move the probe to any measuring point avoiding deviations by inclination or torsion. Thus an optimal precision of measurement is guaranteed.

Teslameter	05/40
Measurement range	± 100 μT
Digital resolution	0,1 μT (with data logger 0,01 μT)
Measurement deviation	± 0,5 % of measured value @ 40 μT
Frequency range (±3 dB)	up to 18 Hz
Sensor system	fluxgate, sensitive to direction

Table 1: Significant technical data of teslameter

The **evaluation and mapping of measured data** was performed by the **data analysis software Surfer** by Golden Software. The values measured at single measuring points were interpolated by the software and mapped for the measurement area of 0.5 by 0.5 m. Contour lines were drawn along points of equal magnetic induction. The coordinate axes were labeled with lengths in m.

In the **diagrams** of the annex the areas between contour lines are colored. The respective value ranges of the vertical magnetic induction in μT can be read from the color scale. For a maximum of color differentiation a rainbow spectrum was applied in these diagrams.

The contour lines can be read in the same manner as the well-known lines of equal height in geographical maps. Lines lying close to each other indicate a strong gradient. Larger distances between the lines indicate a region with low gradients. A transition from a low gradient to a strong one or vice versa causes a disruption that will exert a biological irritation characteristic for geopathogenic zones. A smooth or "equalized" field is characterised by balanced gradients.

Additionally, a curvature of the contour lines indicates an irregularity of the gradient, contour lines of (approximately) parallel course indicate even gradients (if the distances between the lines are approximately even).

The effect of the product in the field can be seen when contrasting the situations without and with the impact of the product.

For an immediate assessment of the biological effect **another type of diagrams** was generated. It maps the degree of biological disturbance for each measuring point. From the view of mathematical physics, this is calculated as the divergence of the field gradient (**field gradient divergence FGD**). More details are found in the comments to the diagrams in the annex, and in the following sections, as well.

2.2 Detailed Investigations and Results

2.2.1 Test in a passenger car

The first measurement recorded the measuring field (driver seat) in "engine idle" mode of the test car of type Ford Fiesta (v. fig. 2). In order to activate the dynamo machine, the light was turned on.

In the second measurement run (fig. 3) under the same conditions the effect of the Harmonizer Car was tested that was before attached to the battery of the car. The cathode was chosen as point of attachment because it is the source of electrons. (Electrons are the carrier of the effective "field-shaping" information and are the principal causative factors of electric and magnetic effects during the measurement.)

Comparing the measurement results of the original field (fig. 2) and the same field under the impact of the Harmonizer Car (fig. 3), the effect of the harmonizer in the field would be missed unless a closer look were given to the diagram (cf. notes to fig. 3). The immediate mapping of the degree of biological disturbance at the single measuring points underlines the improvement by the Harmonizer Car more clearly (fig. 6 compared to fig. 5, cf. explanatory notes to the diagrams).

2.2.2 Stress test in an extremely inhomogeneous magnetic field

The last measurement repeated the measurement of the test field with the Harmonizer, but before the Harmonizer Car had undergone a stress test in an extremely inhomogeneous magnetic field Die letzte Messung war eine Wiederholung der Vermessung des Testfeldes, nachdem der Harmonizer Car einem Härtetest im extrem inhomogenen Magnetfeld unterzogen worden war (fig. 4).

As a matter of experience, products well suitable to perform an effective balance of magnetic field disturbances may lose or even revert this effect when exposed to a strong inhomogeneity of the magnetic field. Therefore, this type of stress test forms a standard element in the testing routines of IIREC.

The stress test was conducted by exposition of the test sample of the Harmonizer Car during a period of 72 hours to a magnetic field that was generated by two permanent magnets of an induction of 7 mT each in an orthogonal configuration. After this period the test sample was taken back to the battery of the car. The results of the following measurement of the test field are displayed in fig. 4. The mapping of the interpolated measurement results shows approximately the same effect as found before the stress test. From this we conclude that the exposition to the stressing magnetic field did not result in an impairment of the efficacy of the product. The more explicit evaluation of degrees of biological disturbance at the measuring points reveals that in a wide area of the field the field gradients were even balanced more smoothly after putting the Harmonizer to the stress test (fig. 7).

3. Expert's Opinion

3.1 Metrological significance of results

The **effects found in the measurements** – on one hand the disturbing effects of the construction of the car and the operation of the engine in idle mode as recorded in the test field (driver seat), and on the other hand the alterations after bringing in the Harmonizer Car – have an order of magnitude that is distinctly above the measurement uncertainty, so they are clearly classified as **significant**.

The reading of DC values on the precision teslameter 05/40 (including the ELF contribution) exhibits variations of 0,05 μT. Measured values, therefore, are certain if exceeding 0,1 μT. For effects evaluated as differences (between a "disturbed" field and a "balanced" one) according to laws of metrology, the threshold of certainty is computed at 0,14 μT (= 0,1 μT times square root of 2). Accordingly, DC effects from 0,15 μT upward are classified as certain.

The ranges of values are extremely wide, so the evaluation was restricted to a range from -30 μT to +20 μT. As can be seen from figures 2 to 4, shifts of 1 μT and more are easily discerned. *The effects found exceed distinctly the measurement uncertainty and thus are metrologically significant.*

Moreover the results that were outlined in detail in section 2.2 and in the illustrations in the annex give the following answers to the themes of investigation presented in the introduction:

- The **Harmonizer Car**, if **attached to the battery**, **balances the disturbed magnetic field in the cabin of a passenger car** (at the driver seat).
- The efficacy of the product is not lost after a 72 hours' **exposition to a strong and extremely inhomogeneous magnetic field.**

3.1 Biological relevance of results

The human body, as a "receiving antenna", is able to adapt to a wide variety of magnetic field situations, such as prevailing in different regions of the world. But during a stay in one place, the human body expects a balanced magnetic field situation, i.e. an even course of magnetic field gradients.

To be sure in this point, the degree of biological disturbance, or irritation, was evaluated for the measuring points in the test field (**field gradient divergence FGD**, figures 5 to 7). The mapping of results of this data analysis reveals the improvement brought about by impact of the Harmonizer Car.

The degrees of biological disturbance, or irritation, are quite high in the technogenic magnetic field on the driver seat of a passenger car, as we found here. Values exceeding 10,000 microtesla/m/m (i.e. 10 mT/m/m) are classified, according to the experience of IIREC, as an extreme irritation, that reported as unpleasant by nearly all test persons (disregarding individual sensitivity).

Magnetic disturbances of this amplitude imponder extraordinarily for car drivers and passengers – because they do not variate their position during a ride. **This may impair the well-being of the passengers and the attention of the driver. Frequent drivers are even put to an elevated risk of serious long-term diseases.**

The evaluation of the measurements conducted under the impact of the Harmonizer Car revealed that in a wide area of the seat of the driver the Harmonizer reduced the degrees of irritation below 1-2 mT/m/m. These low degrees of irritation are biologically well tolerable. The **effects of the Harmonizer Car that were evidenced here (balance of technogenic disturbances in the cabin,** and **resistance against strong magnetic field disruptions**) confirm, on the whole, a remarkable **reliability** of the product. The effect of the Harmonizer **contributes to the prevention of possible health hazards thru magnetic field disruptions.**

3.2 Awarding of test seal

Thus, by **objective physical measurements** with meters sensitive to **magnetic induction** the reliability and stress resistance of the biologically beneficial effect of the Harmonizer Car, namely its balancing of magnetic field gradients, was proven.

With this being evidenced, the conditions for awarding the test seal of IIREC to the product are fulfilled. The manufacturer/contractee is entitled – under the additional terms and premises quoted below – to declare the product «Harmonizer Car» as »tested by IIREC« and to attach the following test seal to the product:

Terms:

(1) The validity of the test seal shall be prolongued in due time before expiration.

(2) IIREC shall be informed immediately of any alteration of the terms of manufacturing or of the effect of the product.

(3) The test seal shall not be applied any longer, should future testing by IIREC find a decline of product quality, or one of the terms of application not to be met any more.

Premises:

(1) The consumers of the product shall be notably informed on the proper application of the product, and that a combination with a different product might be counterproductive and should be avoided.

Important notes:

(1) The test seal may be applied with the product, the product documents, or the product wrapping, wherever a seal is attached by the manufacturer.

(2) IIREC will offer to the contractee in due time, before expiration of the validity of the test seal, a periodic audit and prolongue, in case of a positive result, the validity of the test seal.

(3) If desired, IIREC will elaborate suggestions for an extended quality assurance of the product.

(4) It is up to the manufacturer to care for constant product quality.

By his signature the expert confirms that the measurements and evaluations were conducted under his supervision, and the results being correct within the precision limits of measurement and evaluation.

Walter Hannes Medinger, MSc, PhD

Generally Sworn and Certified Expert at Court
Scientific Head of IIREC
International Institute for *EMC* Research
Electro***M***agnetic ***C***ompatibility on a biophysical foundation

Annex:

7 illustrations

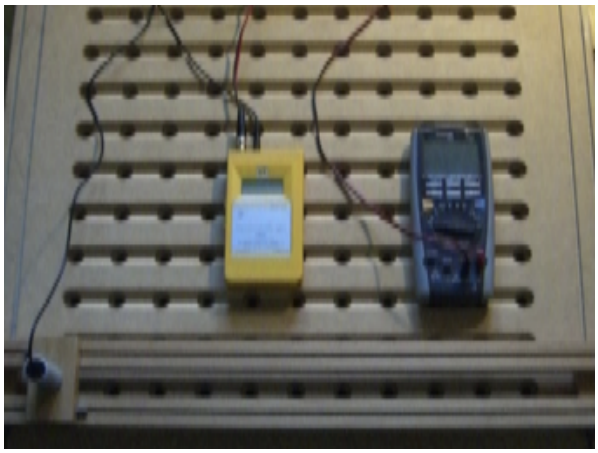

Fig. 1: Measurement setting

For each measuring procedure the measuring apparatus was set up on the driver seat of the test car. It is made up of a wooden measuring board with holes arranged in a regular grid representing the measuring points. A cursor – to which the probe (black) is fixed in a holder (white) – can be moved to any measuring point. The teslameter (yellow) as the registration unit proper is connected to the data logger (grey).

The diagrams to follow show interpolations of values that were measured. The diagrams were generated by the data analysis software Surfer by Golden Software. The following diagrams are maps of the vertical magnetic flux density in microtesla (μT) as indicated by the color scale and the contour lines. The values displayed at the measuring points match exactly the measured values. Values in between were interpolated by the software. Lengths along the coordinate axes are labeled in Meters (m).

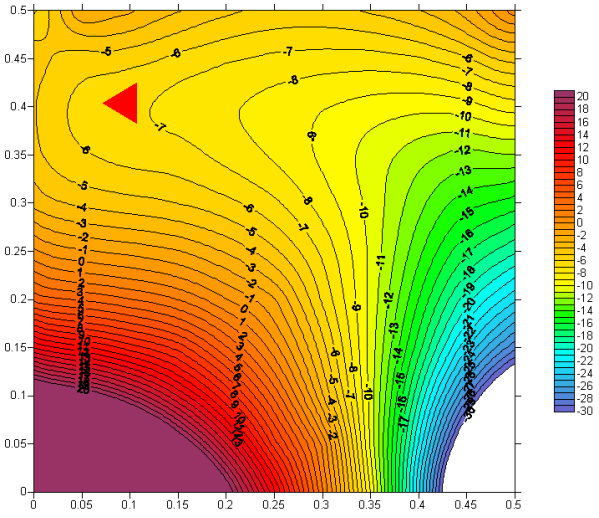

Fig. 2: Basis measurement – Passenger car, engine idle, without Harmonizer Car

These values were measured on the driver seat before application of the Harmonizer Car. In this thoroughly technical ambience values measured variate in a wide range. The scale was truncated at -30 μT (RHS below, corresponding to RHS back on the driver seat) and at+20 μT (LHS below, corresponding to LHS back on the driver seat). Subject of this investigation is the distribution of the magnetic energy over the rest of the field area. It is striking that the contour lines of -5 μT and less join from above and from below (red arrow).

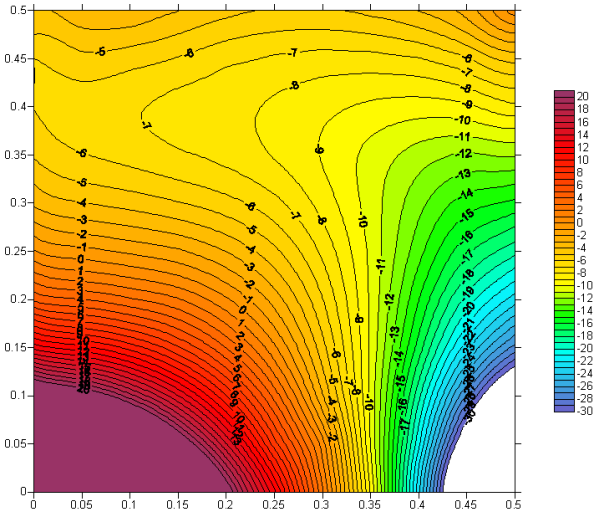

Fig. 3: Measurement of the same field under identical conditions, but with Harmonizer Car

Analogously to fig. 2, this diagram maps the values in the field, but this time 24 hours after attaching the Harmonizer Car at the car battery.

Compared to fig. 2 it can be recognized that the contour lines of values > -7 μT do no longer join from above and from below. This indicates a more regular course of contour lines (more even gradients) and a decrease of biological irritation.

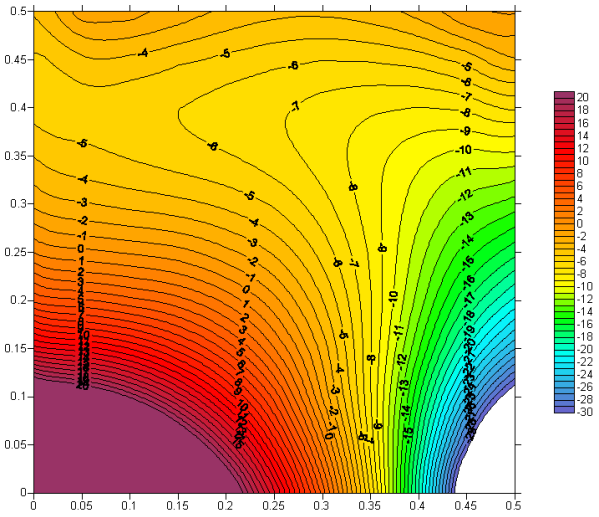

Fig. 4: Measurement with Harmonizer Car following stress test

This map shows the field values in the test field (driver seat) with Harmonizer Car at the battery, measured after the Harmonizer was put to a 72 hours' stress test in an extremely inhomogeneous magnetic field.

The alterations against the original condition that were displayed in fig. 3 are recognized here once more. The course of the contour lines, again, is more even than in the measurement without an harmonizer. Thus, the effet of the Harmonizer Car remained unimpaired thru the stress test.

In the series of illustrations to follow, for each measuring point the field gradient divergence (FGD) is mapped as a **measure of the degree of biological disturbance** in the magnetic field. The unit of the values indicated here is microtesla/m/m.

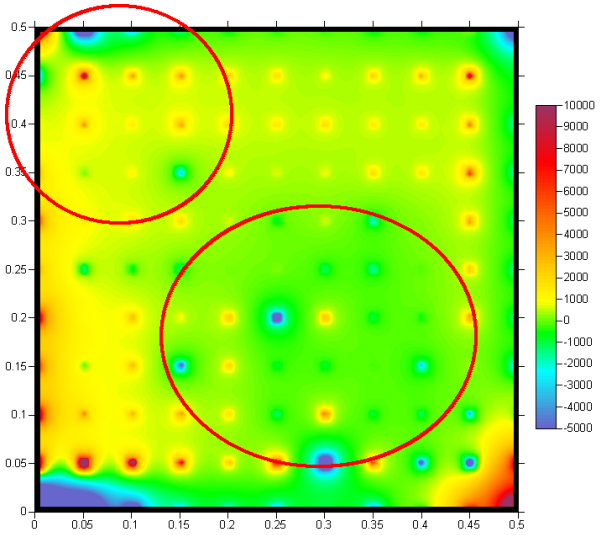

Fig. 5: Degree of disturbance at the measuring points of the background field (cf. fig. 2)

This diagram represents an evaluation of the data mapped in fig. 2 for each measuring point.

The degree of biological disturbance can be read from the intensity of color and the diameter of color circles at the single measuring points. Red and blue points mark the strongest disruptions.

Note particularly the disturbances in the areas within the red circles.

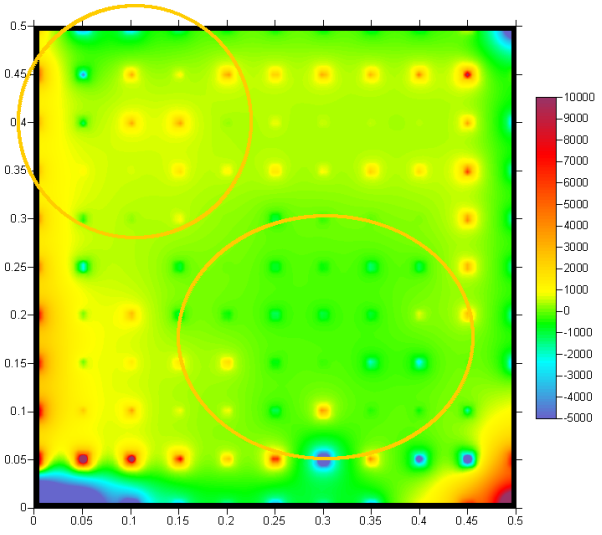

Fig. 6: Reduced degree of disturbance with Harmonizer Car (cf. fig. 3)

Compared to fig. 5 the disturbances of biological relevance are evidently reduced.

This evaluation reveals once more, that the extreme disruptions to the left and to the right of the car seats (in the diagram below, that is on the back side of the seats in reality) being due to the construction cannot be balanced by the Harmonizer. But the crucial improvement occurs in the area where the driver is seated. The green and yellow colors indicate a normal (natural) degree of variation.

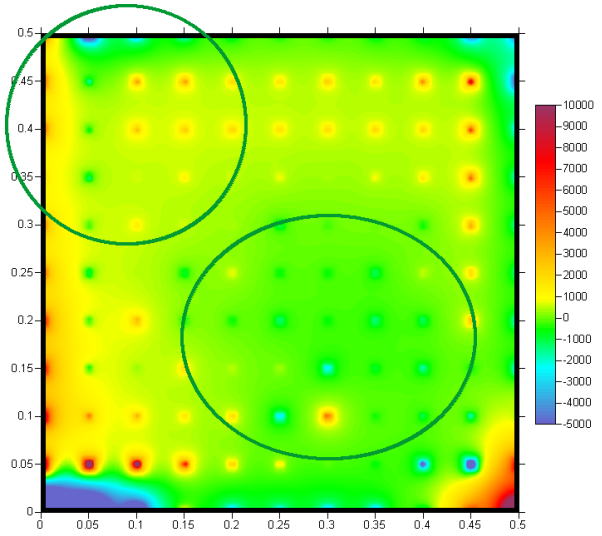

Fig. 7: Further reduced degree of disturbance with Harmonizer Car following stress test (cf. fig. 4)

Against the measurement with the non-stressed Harmonizer (fig. 6) the degrees of disturbance were reduced once more.

This further improvement can be seen very distinctly in the areas within the green circles. Either the exposition to the extremely inhomogeneous magnetic field has enforced the effect of the Harmonizer Car, or the effect found in the foregoing measurement has lasted on and increased by repeated application of the Harmonizer.

Symbioceuticals – Harmonizer Water

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Atelier for **ART** and Mystic

November 2014 ©

Probe Nr: 3228

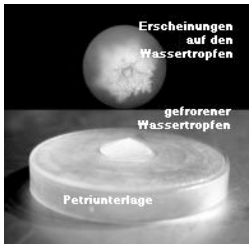
Client: Jürgen Lueger

Water crystals
a natural phenomenon
photographed digitally by us

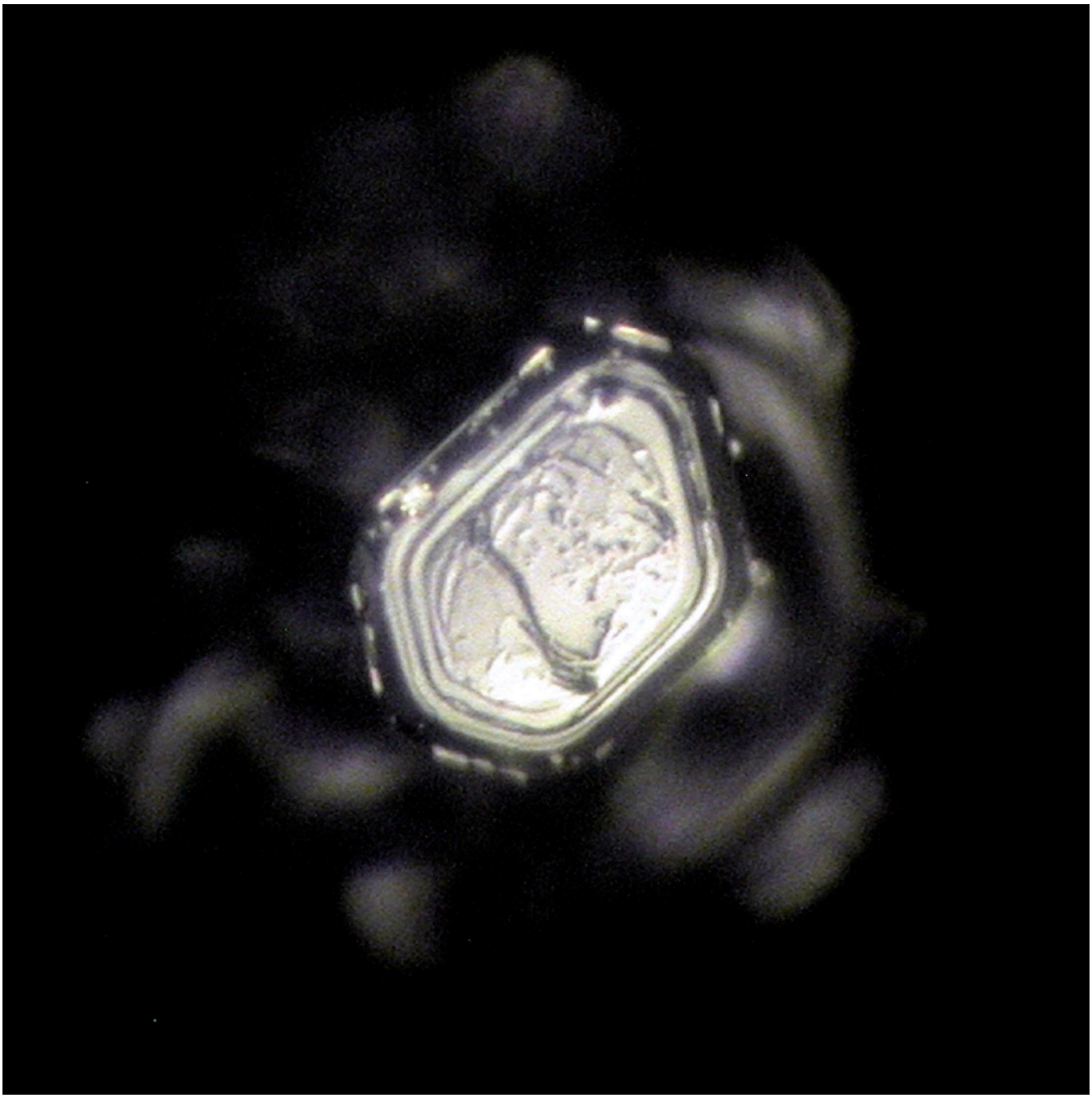
Distilled water

Sample A

photographed on
frozen
drops



Drops from sample A were frozen and photographed under the microscope. The resulting crystals were seen to be significant and were therefore selected by the photographers.



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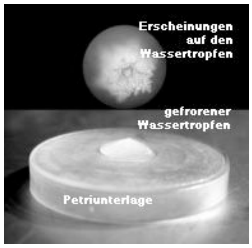
Probe Nr: 3229

Client: Jürgen Lueger

Distilled + Harmonizer Water Information water

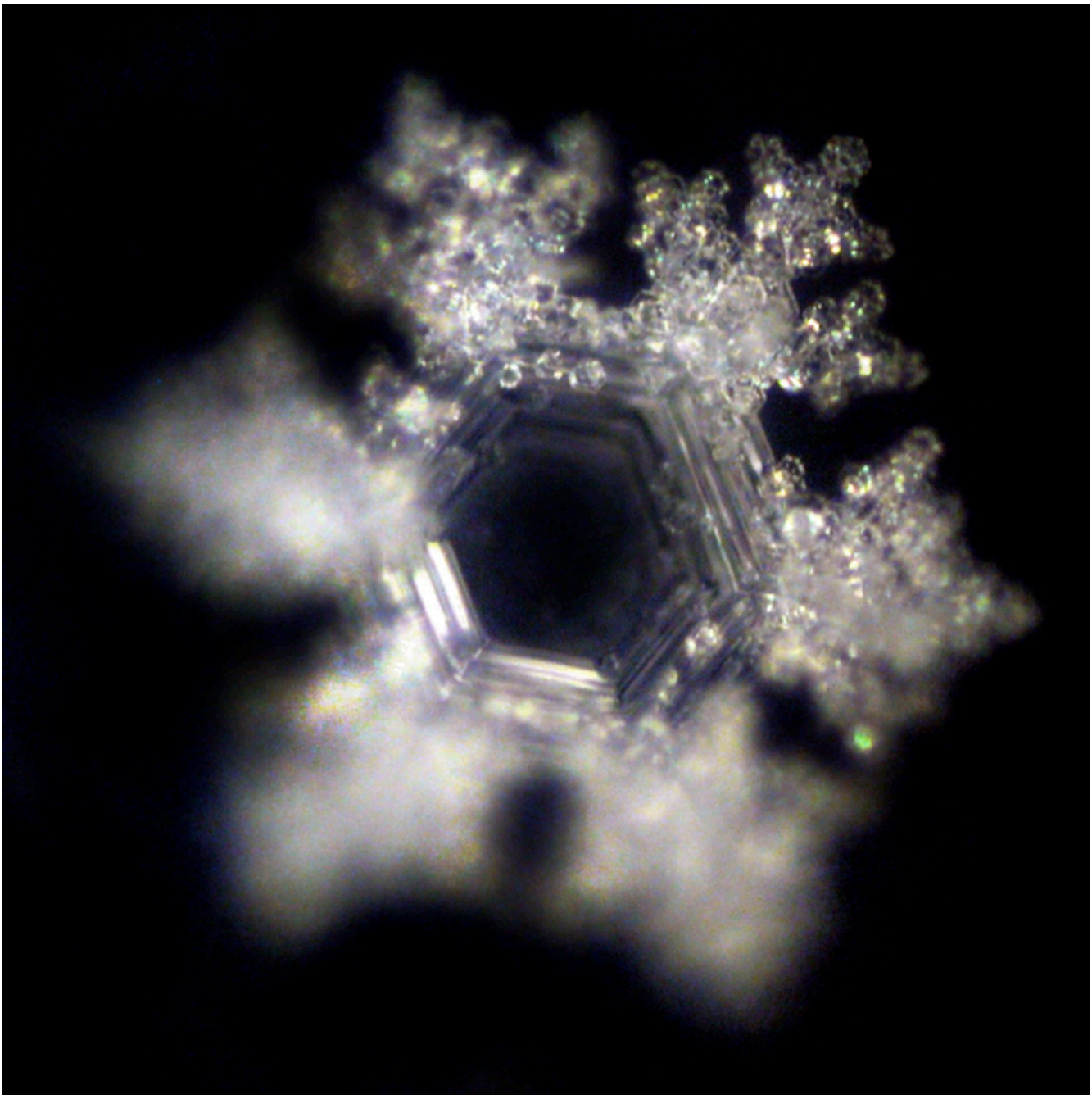
Water crystals
a natural phenomenon
photographed digitally by us

Sample B

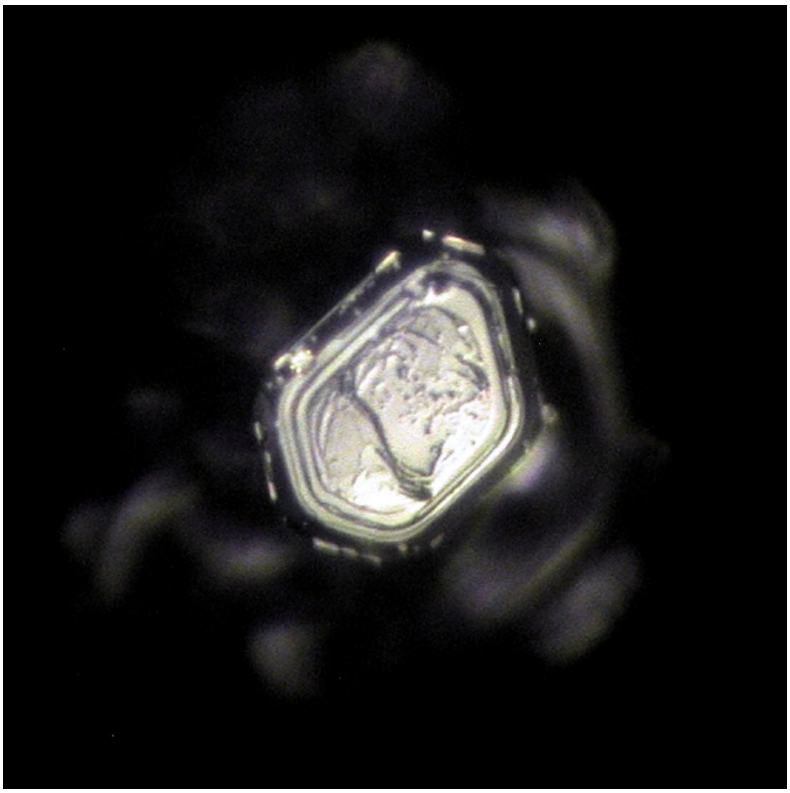


photographed on
frozen
drops

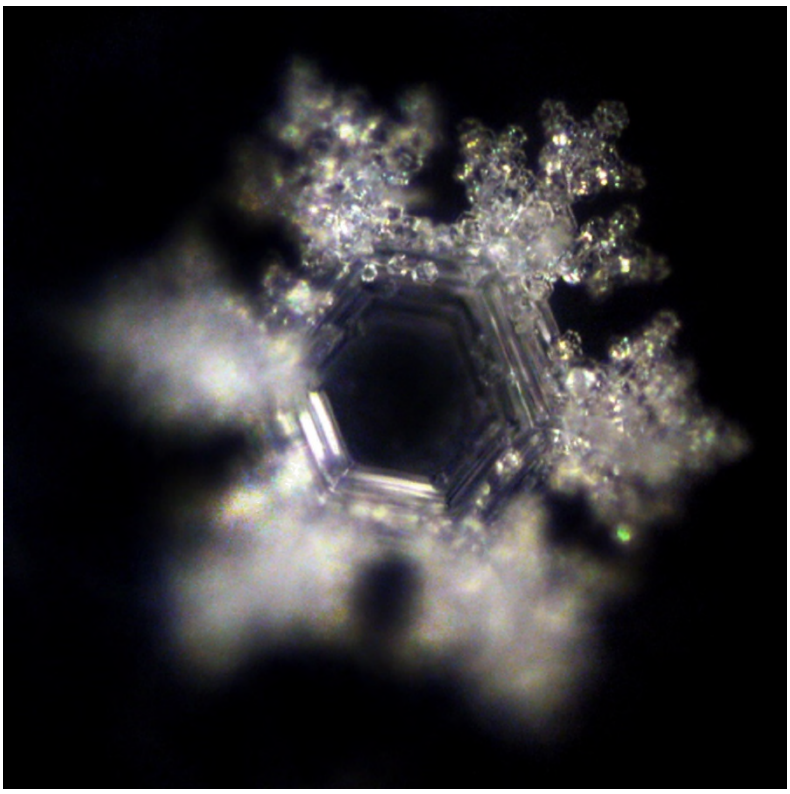
Drops from sample B were frozen and photographed under the microscope. The resulting crystals were seen to be significant and were therefore selected by the photographers.



without Harmonizer Water



with Harmonizer Water



Symbioceuticals – Harmonizer Mobile

IIREC

International Institute for Research on
Electromagnetic Compatibility

Biophysical testing of the effect of the product «Harmonizer Mobile/Bluetooth/WiFi» including stress resistance

Report no.	51/2015
Date	May 15th, 2015
Contractee	**Symbioceuticals –Harmonizer GmbH** Mr Jürgen Lueger Gangsteig 2 AT-5082 Grödig
Contractor/ Expert	**IIREC Dr. Medinger e.U.** Mag. Dr. Walter Hannes Medinger Ringstrasse 64 AT-3500 Krems an der Donau
Number of pages	11 (**excluding annex**)
Anlage	16 illustrations

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Important notes:

The right of exploitation of this report lies exclusively with the contractee. Not touching this right, this report remains, according to valid law, intellectual property of the contractor, IIREC Dr. Medinger e.U. The contractor keeps the right of use, as well, for the complete report or any part of it that was not explicitly declared confidential by the contractee.

In case of exploitation by the contractee, the report must not be handed on in an abbreviated version or a modified version.

The scope of this report is exclusively the documentation and evaluation of effects that were assessed by objective physical measurement. Neither the investigation of manufacturing nor of mode of operation of the product was contracted. It is up to the manufacturer to care for constant product quality.

1. Subject of Investigation

The international institute IIREC was mandated by Symbioceuticals – Harmonizer GmbH to test the effect of the product «Harmonizer Mobile/Bluetooth/WiFi» (v. title photograph) by objective measurements (with physical meters, independent of the subjective sensitivity of humans) in combination with a cellular smart phone.

According to experience by IIREC the procedure of grid measurement of the vertical component of magnetic flux density, or induction, in the static (DC) and extremely low frequency (ELF) magnetic field (± 3 dB range up to 18 Hz) including the evaluation of the divergence of the magnetic field gradient ist appropriate to give evidence if a product of this kind is able to **smoothen magnetic field gradients** (**«magnetic field equalizing effect»**).

Although the range of application of the product in quest (mobile phones, Bluetooth, WiFi) comprises radio technologie with radio frequency carrier waves, with the respective devices and radio waves additional static magnetic fields or low frequency modulations, resp., are found which possess particular biological significance. The metrological procedure applied here grasps, in the usual "DC mode" of measurement, the vertical component of magnetic fields up to a frequency of 5 Hz. From the results thereof, conclusions are drawn regarding biologically effective magnetic field disturbances or measures against them, by use of a patented evaluation procedure.

In the study documented here **questions** relevant to the user were examined, such as:

- ❖ Will the product unfold its effect reliably, and
- ❖ will this be impaired by disturbing influences?

A satisfying answer to these question is a precondition for awarding the biophysical test seal by IIREC.

Two **test samples** were handed over to IIREC by the manufacturer. One of them was attached in the original condition to an iPhone, the other one was applied after having undergone a stress test.

The **test field** was a relatively smooth background field in which a smart phone (iPhone) was operated. The measuring field was set up by a wooden measuring board with 11 x 11 measuring points stenced into it.

2. Testing of Effects in the Magnetic Field

The magnetic field has particular biological relevance because it permeates the body, it is not easily shielded, it influences all life processes and exerts an immediate impact on the ions, the electrically charged particles in the body (e.g. sodium, potassium, calcium, magnesium, zinc and many others in our cells, iron in hemoglobine etc.). Signals imprinted to cell water and body water are magnetic in nature.

Testing in the magnetic field, therefore, is the first choice when examining the coherent effect of resonance products. (In physics, coherence is defined as a constant phase correlation between oscillations of single elements. Coherence is the principle that maximises the impact of subtle microscopic effects, e.g. it converts normal light to laser light.)

2.1 Method of measurement and evaluation

Test measurements were conducted according to the **grid measurement procedure** of IIREC in the static and lowest ELF magnetic field (DC measurement up to 5 Hz). The magnitude measured was the **vertical magnetic induction** in microtesla (μT). At each measuring site, a test field of 0.5 by 0.5 m was measured. In this measuring field there were 11 x 11 = 121 measuring points at a distance of 5 cm.

As a **meter** for the magnetic flux density, or induction, the digital teslameter FM 302 by Projekt Elektronik (Berlin) was applied, with a probe that is sensitive to direction, and immediate transfer of measurement data to the measurement computer. The most significant particulars of the measuring system were compiled in **table 1**.

The measurement board representing the measuring field contains the measuring points stenced into it, with the latter equally serving as holders for the probe. This measurement **setting** makes it possible to fix the probe at any measuring point avoiding deviations by inclination or torsion. Thus an optimal precision of measurement is guaranteed.

For measurements involving a mobile phone the measuring apparatus provides a drawer. Positioned in this drawer, the cellular is situated beneath the measurement plane, in the center of the measuring field.

Teslameter FM 302	DC
Measurement range	± 200 μT
Frequency range (±3 dB)	DC – 100 kHz
Measurement deviation (@25° C)	< 0,1 % ± 2 Digit DC
Signal assessment	average
Axial probe "AS-UAP Lot"	Fluxgate, sensitive to direction
Frequency range of probe (±3 dB)	0 – 500 Hz
Deviation of the probe (@ 25° C)	< 0,8 % ± 0,2 μT

Table 1: Significant technical data of teslameter

The **evaluation and mapping of measured data** was performed by the **data analysis software Surfer** by Golden Software. The values measured at single measuring points were interpolated by the software and mapped for the measurement area of 0.5 by 0.5 m. Contour lines were drawn along points of equal magnetic induction. The coordinate axes were labeled with lengths in m.

In the **diagrams** of the annex the areas between contour lines are colored. The respective value ranges of the vertical magnetic induction in μT can be read from the color scale. For a maximum of color differentiation a rainbow spectrum was applied in these diagrams.

The contour lines can be read in the same manner as the well-known lines of equal height in geographical maps. Lines lying close to each other indicate a strong gradient. Larger distances between the lines indicate a region with low gradients. A transition from a low gradient to a strong one or vice versa causes a disruption that will exert a biological irritation characteristic for geopathogenic zones. A smooth or "equalized" field is characterised by balanced gradients.

The effect of the product in the field can be seen when contrasting the situations without and with the impact of the product.

In order to be able to read this effect immediately from a diagram, **difference maps** were generated. In these diagrams, the mapped values are differences of measured values with and without the tested product, resp. For easy reading, these maps show threefold color: Blue color indicates a decrease, yellow color an increase (and white color constancy) of the measured value.

A **third type of diagrams** stellt maps the degree of biological disturbance for each measuring point. From the view of mathematical physics, this is calculated as the divergence of the field gradient (**field gradient divergence FGD**). More details are found in the comments to the diagrams in the annex, and in the following sections, as well.

2.2 Detailed Investigations and Results

In the first run, the measurements recorded the values of the measuring field as ist was found without bringing in the mobile phone or the product to be tested: a neutral background field for measurements with an iPhone (figures 1 and 9). For a precise comparison to following results, this drawer (though still empty) was present during the background measurement. The extraordinary sensitivity of the measurement procedure can be seen from the fact that even a minute influence of the side boards of the drawer placed below the measurement plane was registered.

2.2.1 Test with iPhone

Another measurement in each measurement series was conducted to record the disturbance caused by a non-harmonized iPhone (figures 2 and 10).

The last measurement in each measurement series was a repetition of the foregoing measurement, but in this case an Harmonizer Mobile/Bluetooth/WiFi was attached to the iPhone 30 minutes before the measurement.

The iPhone was activated during measurements and operated in transmission (conversation) mode. In order to guarantee a constant quality of transmission the background noise of a TV set was transmitted instead of speech.

2.2.2 Stress test – Repetition of test with iPhone

As a matter of experience, products well suitable to perform an effective balance of magnetic field disturbances may lose or even revert this effect when exposed to a strong inhomogeneity of the magnetic field. Therefore, this type of stress test forms a standard element in the testing routines of IIREC.

The stress test was conducted by exposition of the test sample of the product during a period of 72 hours to a magnetic field that was generated by two permanent magnets of an induction of 7 mT each in an orthogonal configuration, at a distance of 30 cm..

After this period the test sample was taken back to the test field and the first series of three measurements was repeated, as outlined above. The results of the second series of measurements can be seen from figures 9ff.

This repetition of the field measurement under the impact of the Harmonizer having undergone the stress test reveals that the Harmonizer was as effective as before. From this we conclude that the exposition to the stressing magnetic field did not result in an impairment of the efficacy of the product.

Summing up, the field with the iPhone and a test sample of the product (independent of this having been put to the stress test or not) **is characterized, on the whole, like a field in which the mobile was not present**. Only **at the position of the iPhone itself** a distinct magnetic field disturbance occurs, but this would not be prevented by other means than by shielding. But the measurements brought forth even a **reduction of this disruption**.

3. Expert's Opinion

3.1 Metrological significance of results

The **effects found in the measurements** – on one hand the disturbing effects of the iPhone in the test field, and on the other hand the alterations after activation of the Harmonizer Mobile – have an order of magnitude that is distinctly above the measurement uncertainty, so they are clearly classified as **significant**.

The reading of DC values on the teslameter (including the ELF contribution) exhibits variations of 0,05 μT. Measured values, therefore, are certain if exceeding 0,1 μT. For effects evaluated as differences (between a "disturbed" field and a "balanced" one) according to laws of metrology, the threshold of certainty is computed at 0,14 μT (= 0,1 μT times square root of 2). Accordingly, DC effects from 0,15 μT upward are classified as certain.

The ranges of values in the difference maps (figures 4 to 5 and 12 to 13) immediately tell us that this criterion is fulfilled at numerous measuring points. *The effects found exceed distinctly the measurement uncertainty and thus are metrologically significant.*

Moreover the results that were outlined in detail in section 2.2 and in the illustrations in the annex give the following answers to the themes of investigation presented in the introduction:

- The Harmonizer unfolds its **measurable impact of balancing the magnetic field within 30 minutes on technogenic magnetic field disturbances in the ambience of a smart phone (iPhone), keeping it up in transmission mode.**
- The efficacy of the product is not lost after a 72 hours' **exposition to a strong and extremely inhomogeneous magnetic field.**

3.2 Biological relevance of results

The human body, as a "receiving antenna", is endowed with maximal biological sensitivity in those ranges where natural electromagnetic fields prevail or variate. The variations of the geomagnetic field e.g. range to an order of magnitude of 0,2 μT. In the measurement series conducted we gave evidence of the ability of the product to balance disturbances in this range of tenths of microtesla. This property is **of utmost biological importance, because it reduces the degree of disturbance to a scale that does no biological harm.**

To be sure in this point, the degree of biological disturbance, or irritation, was evaluated for the measuring points in the test field (**field gradient divergence FGD**, figures 6 to 8 and 14 to 16). The mapping of results of this data analysis reveals the improvement brought about by impact of the Harmonizer

In the study documented here the **impact of the Harmonizer in combination with an iPhone** (as a representative transmitter of radio frequency waves with magnetic side effects in DC and lowest ELF range, or Sub-ELF range, resp.) was tested. Immediately at the position of the transmitting device magnetic field disturbances were found that can not be avoided (only eliminated by a sumptuous magnetic shielding). This study focussed on **magnetic field disturbances in the ambience of the transmitter**.

Magnetic disturbances of these types imponder biologically particularly in the practical situation of phoning. **When holding e.g. an iPhone close to one's ear**, magnetic disruptions in the ambience of the mobile **extend to sensitive regions such as the inner ear, the brain, the eye hole, the mouth hole, etc.**

To **avoid** ("harmonize", "neutralize") **magnetic field disturbances in these body regions** contributes essentially to the **prevention of harmful biological effects**. This applies particularly to persons who **are frequent or long-term mobile phone users.**

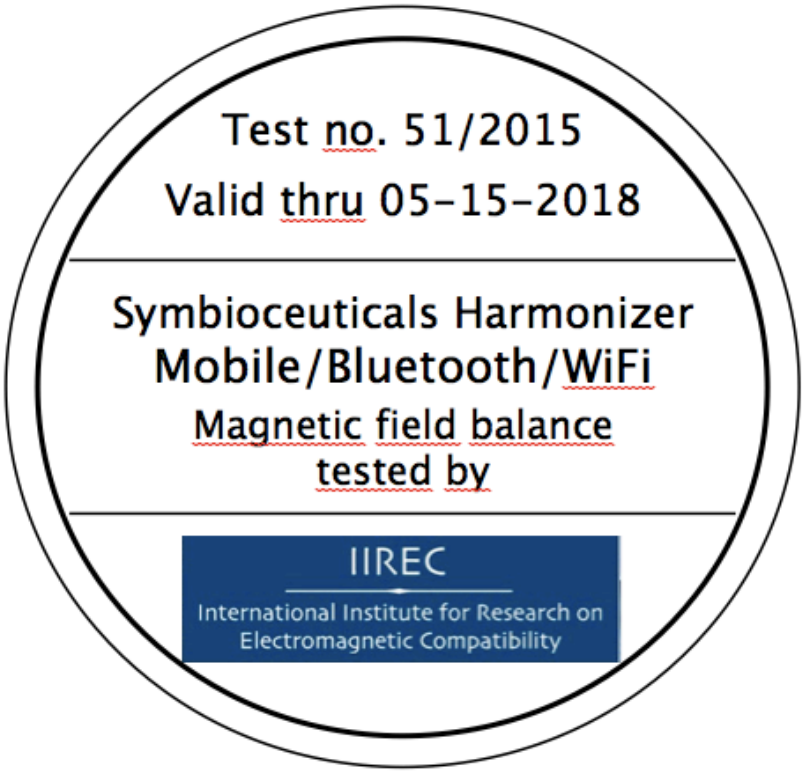
The same is true of frequent or prolongued stay in the radiatin field of cordless (DECT standard), of bluetooth transmitters or WiFi routers.

3.3 Awarding of test seal

The **effects of the Harmonizer** established here, namely its **balancing of magnetic field gradients in the ambience of a mobile phone**, but moreover its **resistance against strong magnetic field disruptions**) give evidence of the reliability of the product tested here.

Thus, by **objective physical measurements** with meters sensitive to **magnetic induction** the reliability and stress resistance of the biologically beneficial effect of the Harmonizer Mobile/Bluetooth/WiFi, namely its balancing of magnetiv field gradients, was proven.

With this being evidenced, the conditions for awarding the test seal of IIREC to the product are fulfilled. The manufacturer/contractee is entitled – under the additional terms and premises quoted below – to declare the product «Harmonizer Mobile/Bluetooth/WiFi» as »tested by IIREC« and to attach the following test seal to the product:



Terms:

(1) The validity of the test seal shall be prolongued in due time before expiration.

(2) IIREC shall be informed immediately of any alteration of the terms of manufacturing or of the effect of the product.

(3) The test seal shall not be applied any longer, should future testing by IIREC find a decline of product quality, or one of the terms of application not to be met any more.

Premises:

(1) The consumers of the product shall be notably informed on the proper application of the product, and that a combination with a different product might be counterproductive and should be avoided.

Important notes:

(1) The test seal may be applied with the product, the product documents, or the product wrapping, wherever a seal is attached by the manufacturer.

(2) IIREC will offer to the contractee in due time, before expiration of the validity of the test seal, a periodic audit and prolongue, in case of a positive result, the validity of the test seal.

(3) If desired, IIREC will elaborate suggestions for an extended quality assurance of the product.

(4) It is up to the manufacturer to care for constant product quality.

By his signature the expert confirms that the measurements and evaluations were conducted under his supervision, and the results being correct within the precision limits of measurement and evaluation.

Walter Hannes Medinger, MSc, PhD

Generally Sworn and Certified Expert at Court
Scientific Head of IIREC
International Institute for *EMC* Research
Electro***M***agnetic ***C***ompatibility on a biophysical foundation

Annex:

16 illustrations

I. **Measurement** with Harmonizer test sample **before the stress test**

A. Topographic **maps of measured values of the vertical magnetic induction** (DC and lowest ELF range): The following diagrams map the measured magnitude in microtesla (μT) according to the color scale and contour lines. The values displayed at the measurements point match exactly the measured values. At indermediate points, the values were interpolated by the software. The lenghts along the coordinate axes are labeled in meters (m). Interpolations and diagrams were generated by the data analysis software Surfer by Golden Software (Interpolation method: Kriging).

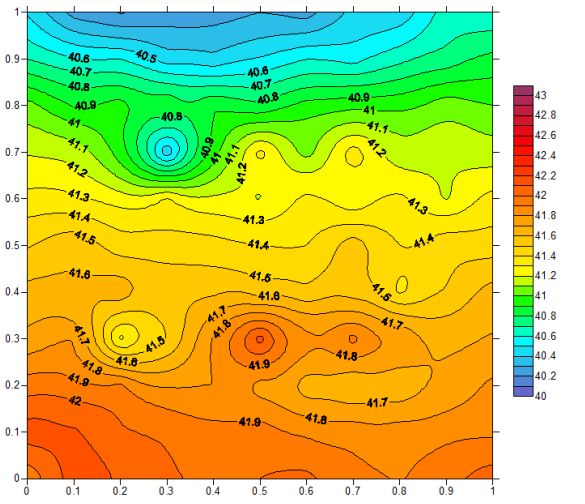


Fig. 1: Basis measurement – background field

These values were measured before bringing in the iPhone and the Harmonizer. Note that the measured values are quite well graduated. Yet the measurement is so sensitive that at the height of y = 0.3 and y = 0,7 an influence of the side boards of the drawer placed below the measurement plane shows up. This drawer was designed for the storage of the iPhone in the following measurements. For a precise comparison to following results, this drawer (though still empty) was present during the background measurement.

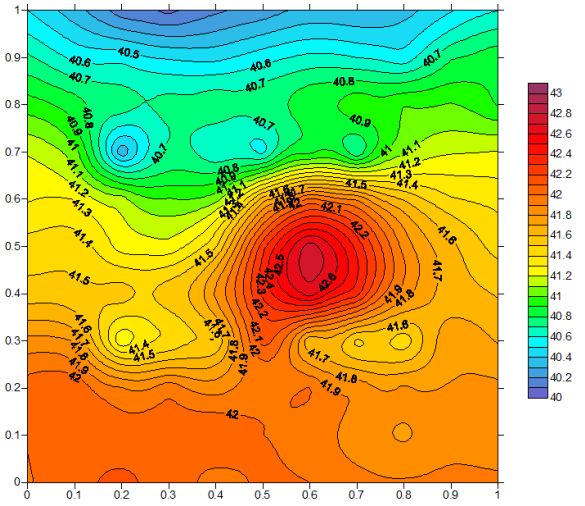


Fig. 2: Measurement of the same field with iPhone in transmission mode

In analogy to fig. 1, this diagrams maps the measured values in the field, but this time an iPhone was placed in the drawer, and a transmission line was opened.

In contrast to fig. 1, a strong increase of measured values is noticed in the center of the measuring field (amounting at approx. 1.5 μT), due to magnetic parts of the cellular phone. But we give particular regard to alterations in the vicinity of the mobile phone, because in the phoning situation these extend to sensitive regions of the head.

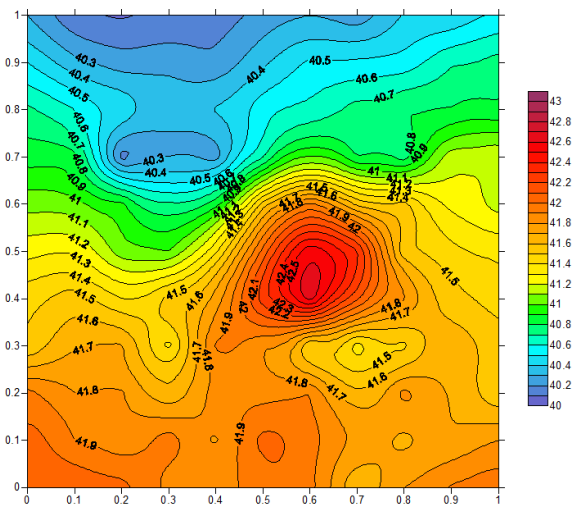


Fig. 3: Measurement with iPhone and Harmonizer

This diagram displays the measured values in the test field with the iPhone in transmission mode, with an Harmonizer Mobile attached to the iPhone. The measurement was conducted after 30 minutes impact of the Harmonizer.

Compared to fig. 2 the effect above the mobile is damped by approx. 1 μT. In the vicinity of the iPhone, as well, alterations show up as an effect of the Harmonizer. The diagrams to follow will display more distinctly the effects of the iPhone and of the Harmonizer.

B. **Difference maps** of the vertical magnetic induction: The following diagrams display for each measurement point *differences* of values measured in two different situations (cf. diagrams 1 to 3), thus representing the *net effect* of the iPhone (without an Harmonizer) and of the Harmonizer.

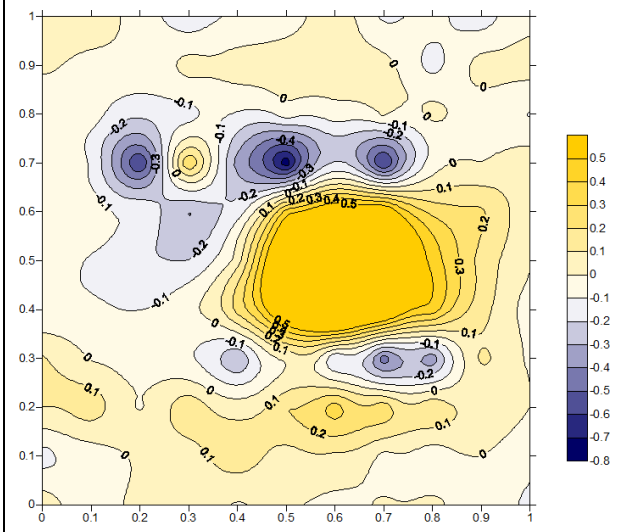


Fig. 4: Effect of the iPhone in transmission mode

The values in this diagram were calculated as differences between the values of fig. 2 minus those of fig. 1, in other words: the net effect brought about by the operation of the iPhone against the background.

Blue color indicates a decrease of measured values, yellow color an increase.

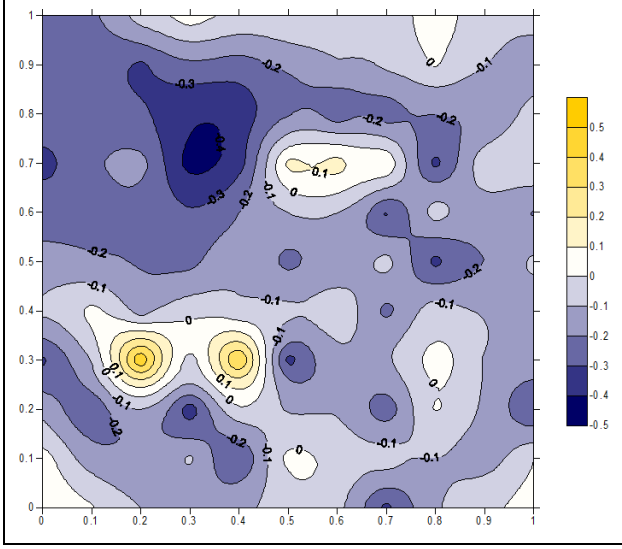


Fig. 5: Effect of the Harmonizer in combination with the iPhone

This diagram represents the difference between the measured values of fig. 3 minus those of fig. 2, thus pointing out the effect of the Harmonizer against the iPhone without harmonization.

The increase of measured values having been predominant in fig. 4 (yellow color!) is now compensated for by a decrease (blue color!). Vice versa, at some points showing up in blue in fig. 4, an increase of values (marked by yellow color) is displayed now. The maximal effects amount at +/- 0.4 μT.

C. In the following series of diagrams, for each measurement point the **degree of biological disturbance** in the magnetic field is displayed as field gradient divergence (FGD). The values indicated here have the unit microtesla/m/m.

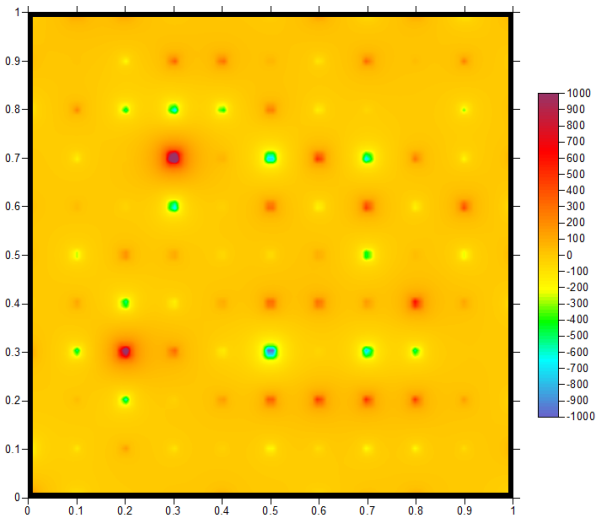


Fig. 6: Degree of disturbance at the points of the background field (cf. fig. 1)

This diagram represents a particular evaluation of the data displayed in fig. 1 for each measuring point.

The degree of biological disturbance can be read from the intensity of color and the diameter of color circles at the single measuring points.

Disturbances are mainly due to the side boards of the drawer beneath the measurement plane (cf. comments to fig. 1).

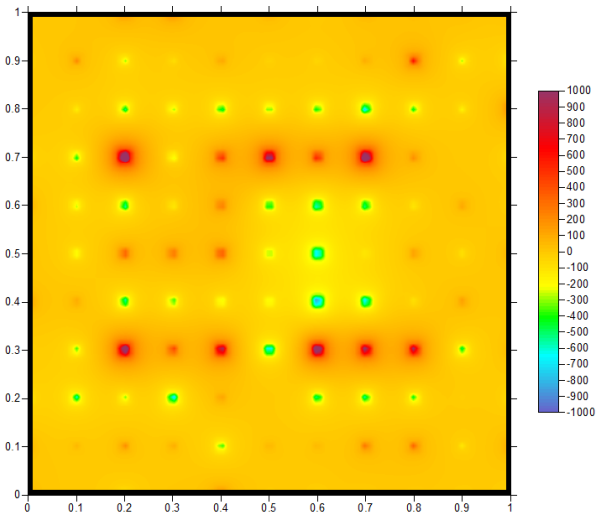


Fig. 7: Degree of disturbance with iPhone, bu without an Harmonizer (cf. fig. 2)

Compared to fig. 6 an increase of biologically relevant disturbances is noticed (red circles with center in violet).

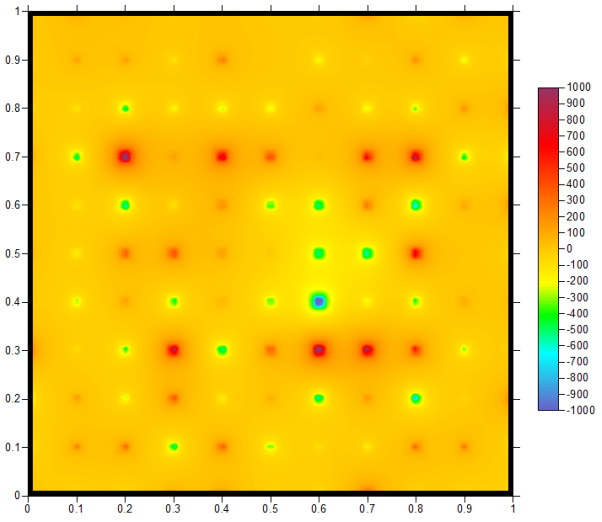


Fig. 8: Degree of disturbance with iPhone and Harmonizer (cf. fig. 3)

The intense disturbances (cf. fig. 7) were widely reduced to the number of points and amount of values as previously found in the background (fig. 6). Only at the position of the mobile itself disturbances prevail that did not appear in fig. 6.

As a result, biologically effective disturbances were balanced successfully in the ambience of the iPhone, that is in places where sensitive parts of the body need protection in the phoning situation.

Two lay persons, the differences between the diagrams are not recognizable except in case of close examination. Yet to experts, they are as distinct as an "X ray".

II. **Measurement** with test sample of the Harmonizer **after stress test**

A. Again, the results of measurements are displayeded as topographic maps in the first place. The focus is once more the occurrence of **magnetic field disturbances in the ambience of the iPhone** in transmission mode (with an open line). But an additional question is **whether the Harmonizer has lost efficacy thru the stress test conducted between the measurement series I and II**.

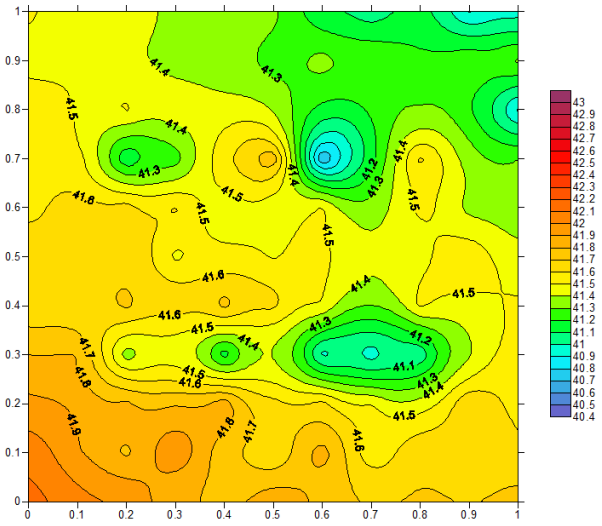


Fig. 9: Basis measurement – background field

The background field measured with the measurement apparatus including the drawer resembles the field in fig. 1 quite a lot.

Again, a close look reveals the measurement to be so sensitive as to exhibit deviations of values caused by the side boards of the drawer.

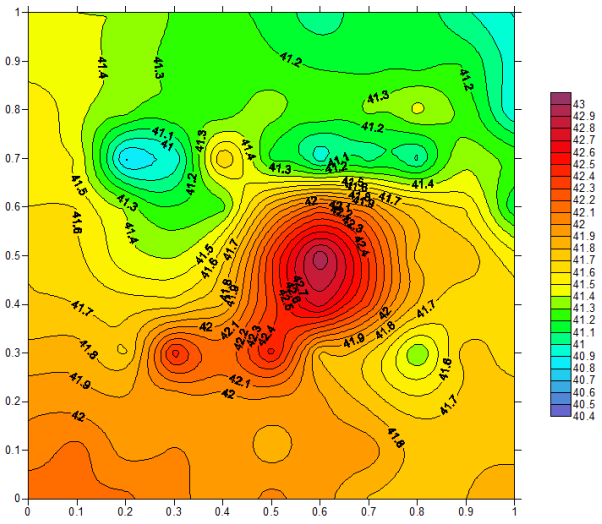


Fig. 10: Measurement with the iPhone in the field (without Harmonizer)

The influence of the iPhone can be recognized in this case very distinctly where it was positioned (in the center at the height y = 0.5), but in the ambience it is express less distinctly.

Detailed evaluations (fig. 12 and 13) will display these magnetic disturbances in the ambience of the iPhone more openly. We will examine whether these are influenced by the Harmonizer.

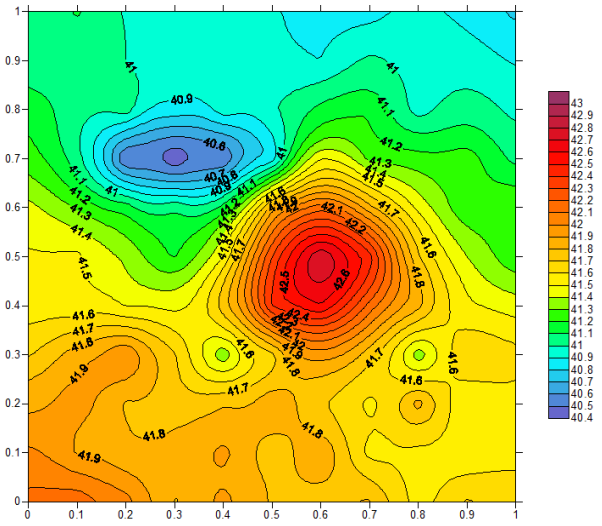


Fig. 11: Measurement with iPhone and Harmonizer (after stress test)

This diagram represents the same situation as in fig. 10, but with the Harmonizer attached to the mobile (and with an open line, as before). Contrasting from the measurement represented in fig. 3, the test sample of the Harmonizer had undergone a 72 hours' stress test thru an exposure to a magnetic field with an extreme divergence of gradient.

At the first glimpse, an alteration is recognized against the results of the reference measurement (fig. 10). Detailed assessment will discriminate whether this effect is due to the impact of the Harmonizer or to alterations of the background.

B. Now will follow – in analogy to fig. 4 und 5 – **difference mappings** representing the net effect of the Harmonizer Comfort.

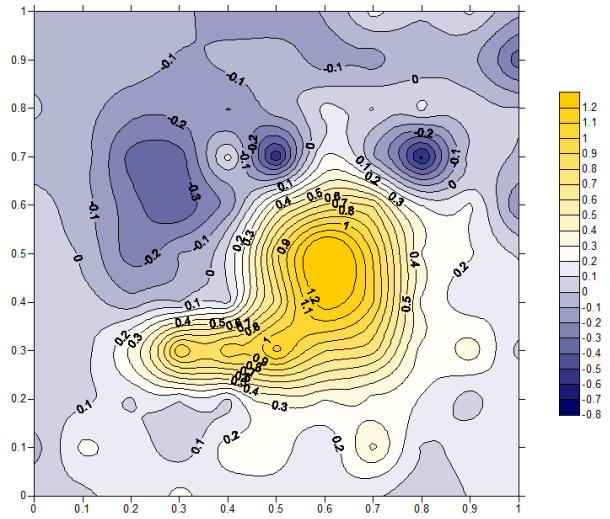


Fig. 12: Effect of the iPhone (without an Harmonizer)

This diagram maps for each measuring point the difference of measured values from fig. 10 minus fig. 9.

Apart from the strong effects immediately above the iPhone showing up in the center of the field additional magnetic field disturbances are recognisable in the surroundings amounting up to + 1/- 0.5 μT.

This is the amplitude of natural magnetic field variations. It is of great biological relevance, because the body is very susceptible to this amplitude, and in the phoning situation these disturbances extend to sensitive regions inside the head.

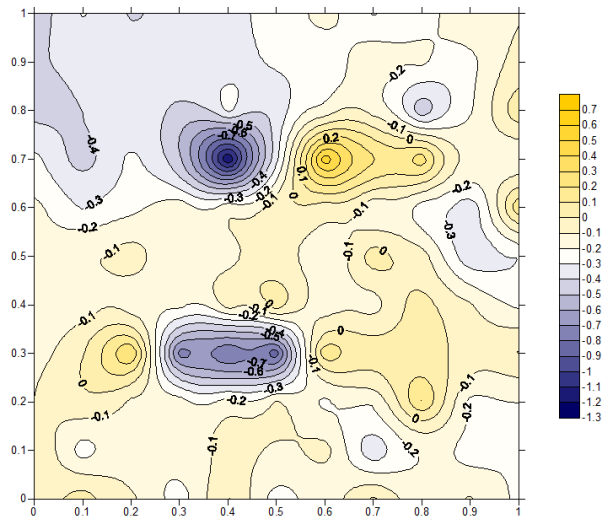


Fig. 13: Effect of the Harmonizer

This net effect is mapped in the neighbouring diagram as the difference of the values from fig. 11 minus fig. 10.

This diagram answers to the question, what was the impact of the Harmonizer on the situation with the iPhone in the field.

It can be recognised that these alterations have considerable amounts (up to + 0.5/- 1 μT) balancing the effects in the ambience auf of the iPhone. Man beachte z.B. die Punkte auf der Höhe y = 0.3. (Where in fig. 12, e.g. at y = 0.3, an increase of values was indicated in yellow color, a decrease is indicated in fig. 13 in blue etc.)

C. At last, the **degrees of biological disturbance** in the measuring field are mapped as in fig. 6 to 8.

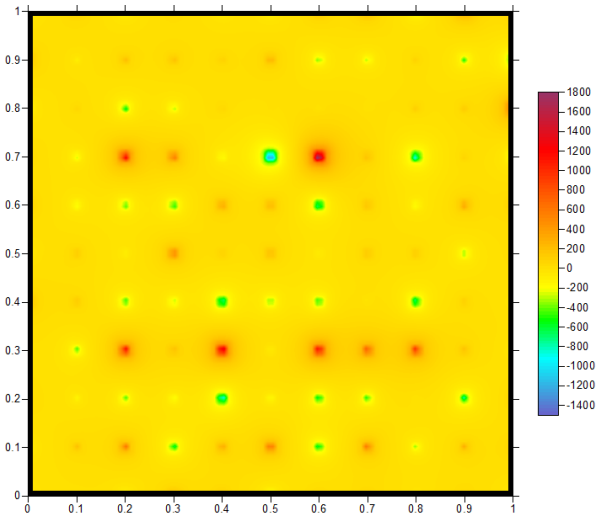


Fig. 14: Degree of disturbance in the background field

The mapping shows a relatively low level of disturbance in the background field.

It is notable, however, that the degrees of disturbance are markedly higher than in fig. 6. (Note that the scale of values was shifted compared to fig. 6!)

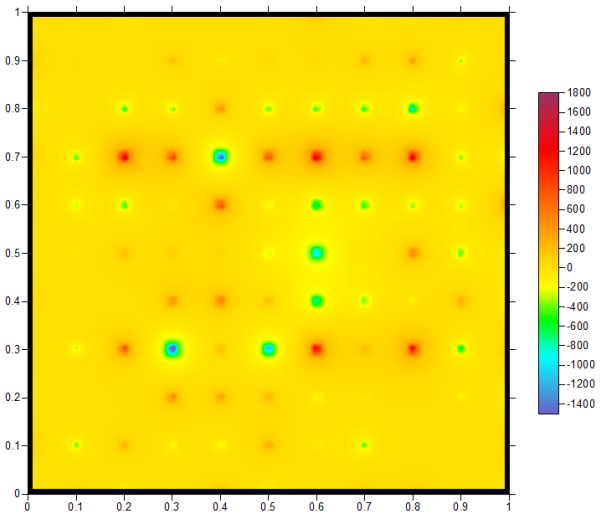


Fig. 15: Degree of disturbance with iPhone in the field

Analogously to fig. 7, the mapping of degrees of disturbance exhibits the strongest effects in the center of the field (immediately above the iPhone, somewhat rightwards of the center of the field) by an accumulation of points colored in green/blue.

Additional disturbances are indicated by red and green/blue colors in the ambience, as well, that were not noticed in the background.

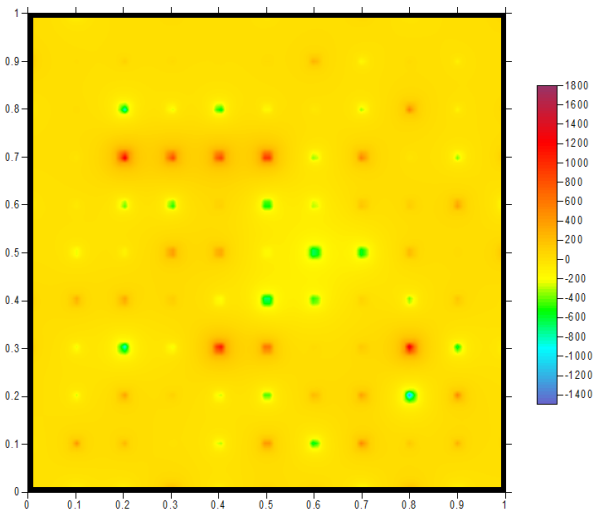
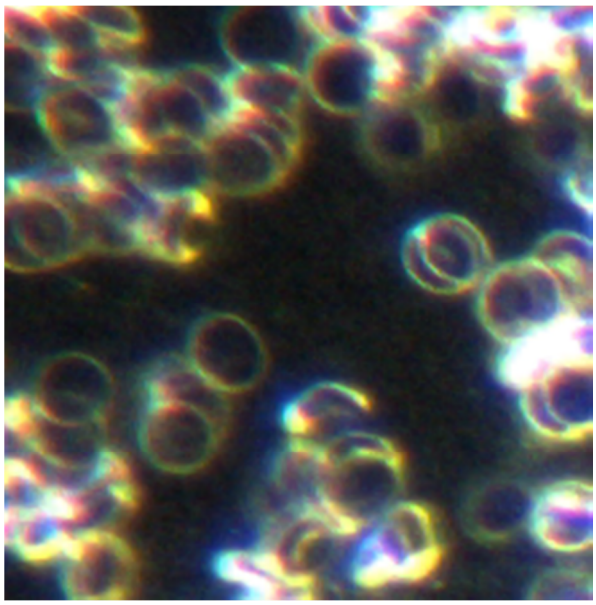


Fig. 16: Degree of disturbance with iPhone and Harmonizer

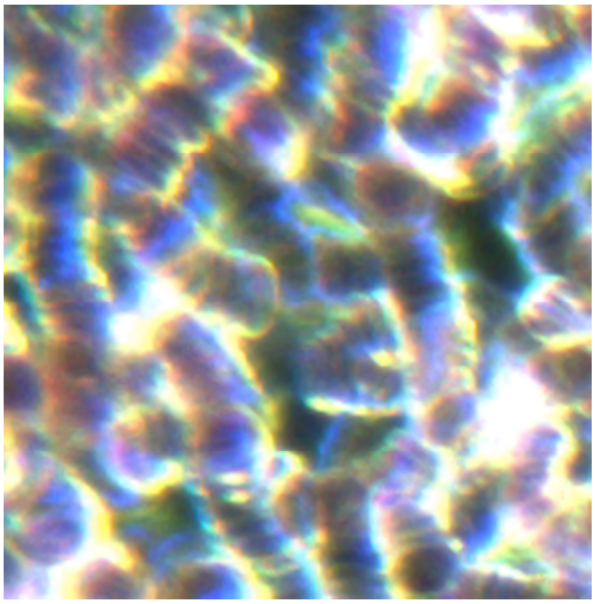
As an effect of the Harmonizer, it can be clearly seen here that the maximum disturbances were concentrated very close to the iPhone.

On the whole the intensities and the distribution of disturbances are reduced about the level of the background field. In other words, **the field seems to be free of the iPhone. The test sample of the Harmonizer that has undergone the stress test exhibits the same efficacy as before** (cf. fig. 8).

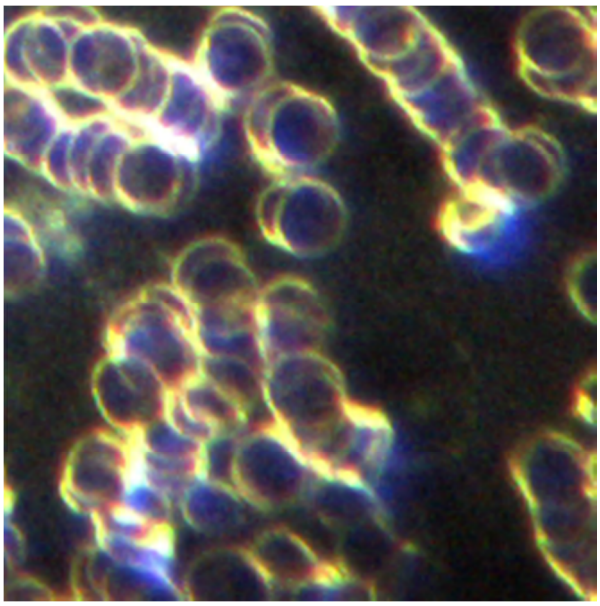
Subjekt 1 Harmonizer Mobile



Dark field image before the telephone call

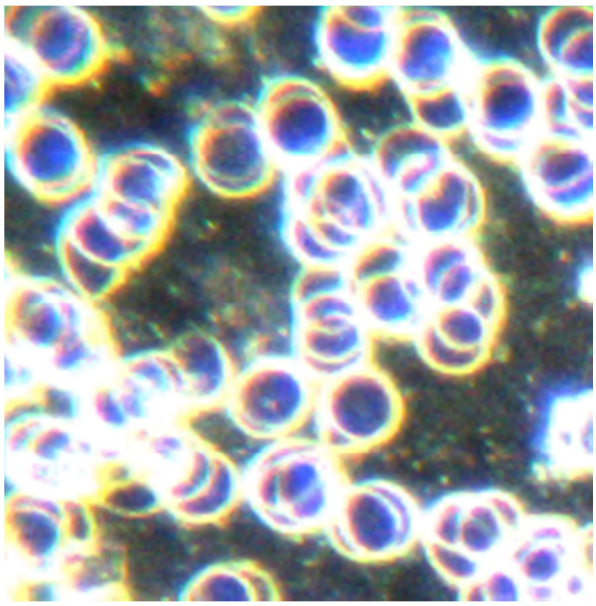


Dark field image after the telephone call with a commonly smart phone

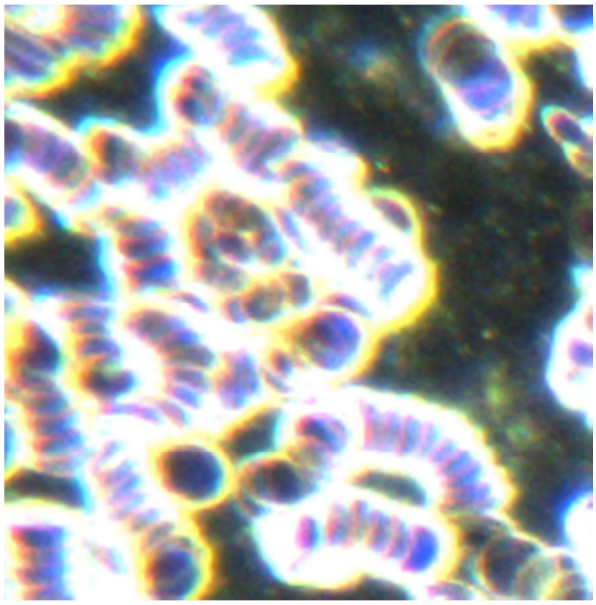


Dark field image after the telephone call with a commonly available smart phone, harmonise with Harmonizer Mobile

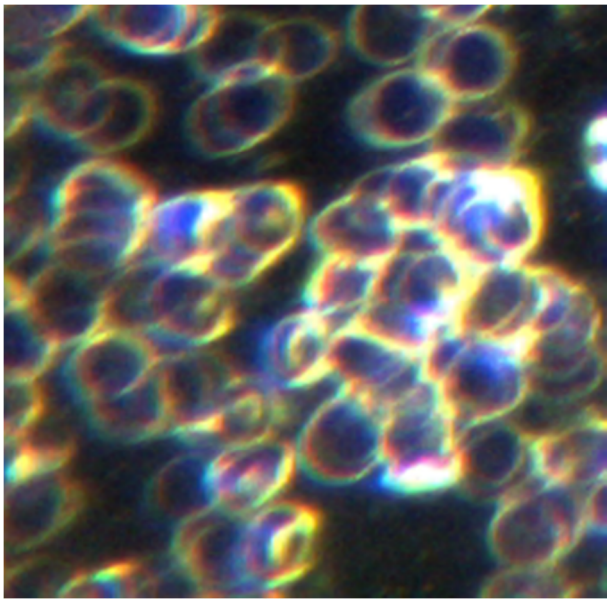
Subject 3 Harmonizer Mobile



Dark field image before the telephone call

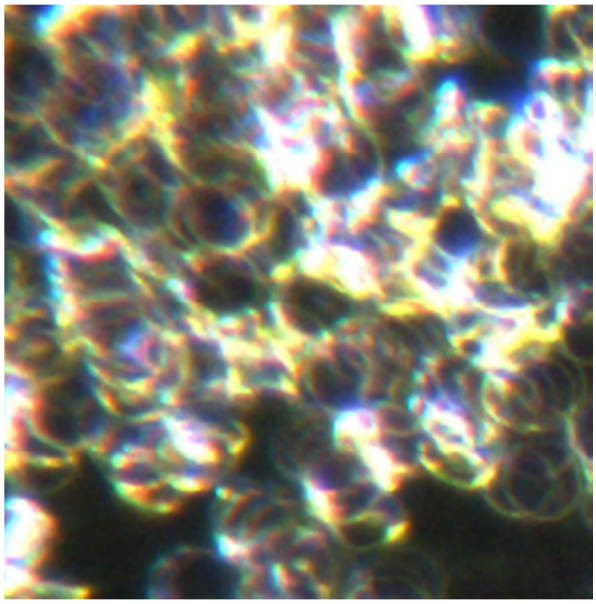


Dark field image after the telephone call with a commonly available smart phone

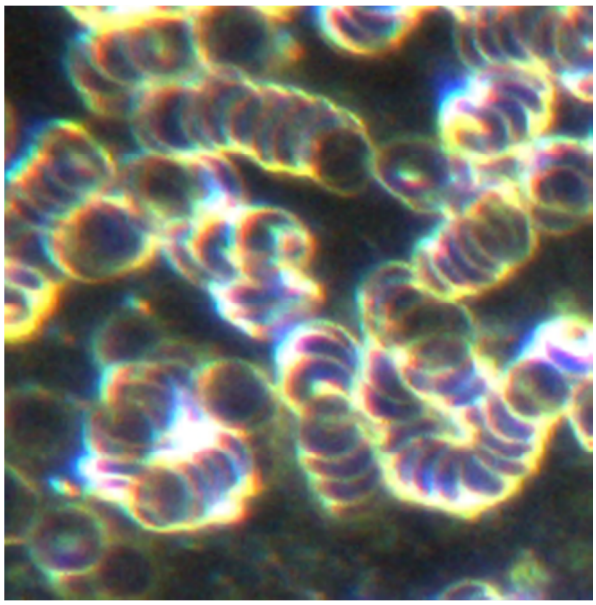


Dark field image after the telephone call with a commonly available smart phone, harmonise with Harmonizer Mobile

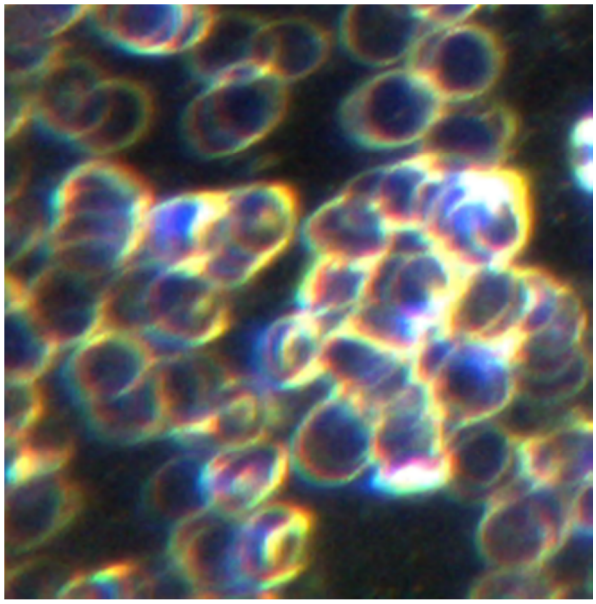
Subject 5 Harmonizer Mobile



Dark field image before the telephone call



Dark field image after the telephone call with a commonly available smart phone



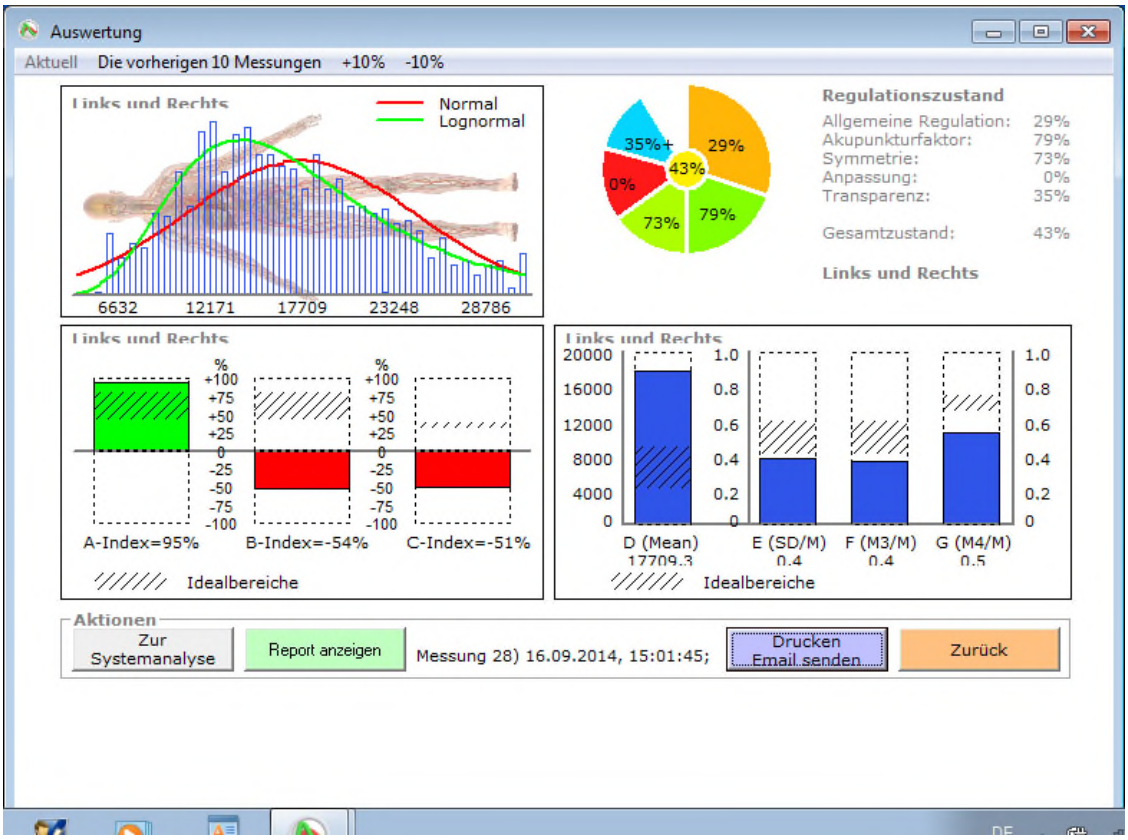
Dark field image after the telephone call with a commonly available smart phone, harmonise with Harmonizer Mobile

Symbioceuticals – Harmonizer Card

Two red roses in distilled water. The water was not changed. Both roses were placed in the same area with a gap due to the emissions of the Harmonizer Card. You can see the two roses after 15 days in this picture.
On the left, a red rose with distilled water without harmonisation – on the right, a red rose with distilled water and Harmonizer Card harmonisation.

Symbioceuticals – Harmonizer Med

Before treatment subject 1



Subject 1 came into the practice with prostate complaints. That can be seen precisely in the D-factor, slight inflamed and in the regulation condition, that for him was only 29%. That means that the body was having to work very hard to restore a healthy condition. The factor B shows a displacement in the meridians, and factor C shows that, i.e. in muscular terms, resources are already depleting.

Course of treatment

After testing, I decided upon the bacteria module, the meridian module and as the child suffered from ADHS, the hormone balancing module.

The treatment lasted approximately one hour.

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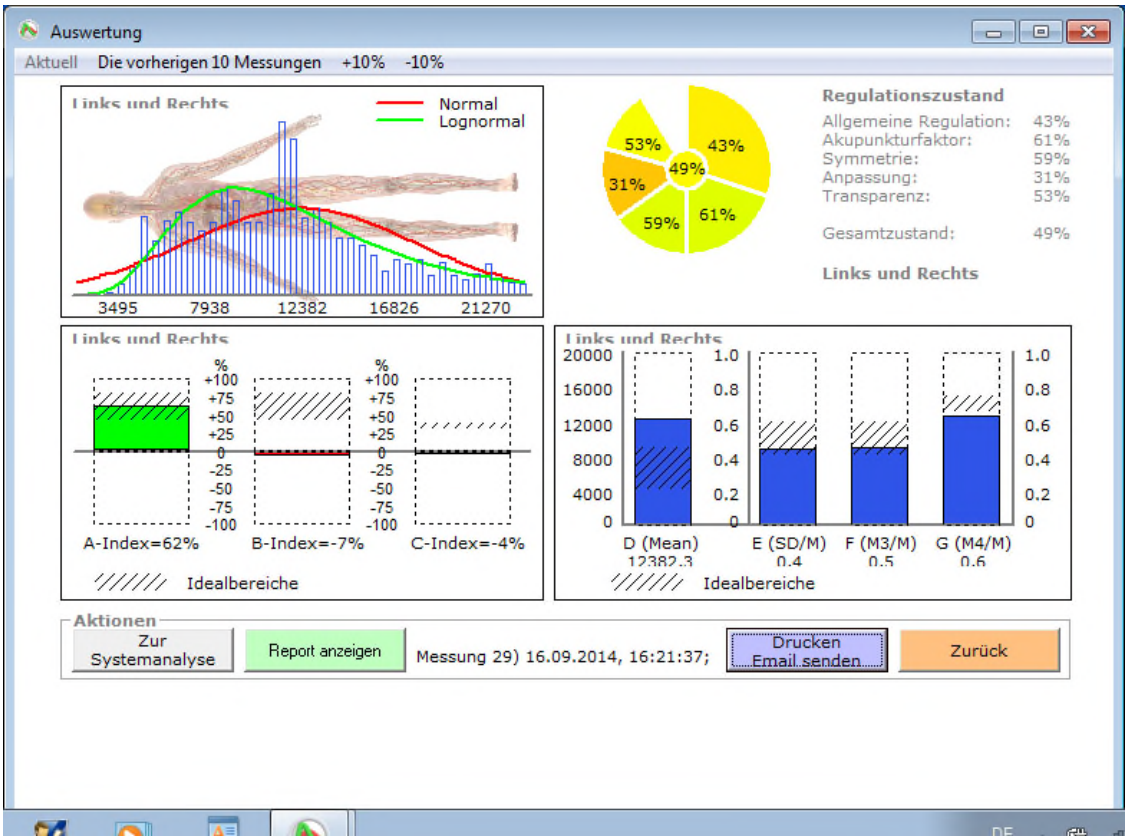
Subject 1 after treatment



After approximately one hour of treatment with the Harmonizer Med in connection with the bacteria module, the meridian module and the hormone balancing module, a major improvement of the general condition of the subject could be determined. The prostate pains had disappeared completely, and he felt visibly relaxed. The regulation condition improved considerably. The D-factor fell back down to a normal condition. That means that the inflammatory factors declined. One could also see a clear improvement in the B-factor that evaluates the meridians. It could be said that this person was fully back to normal.

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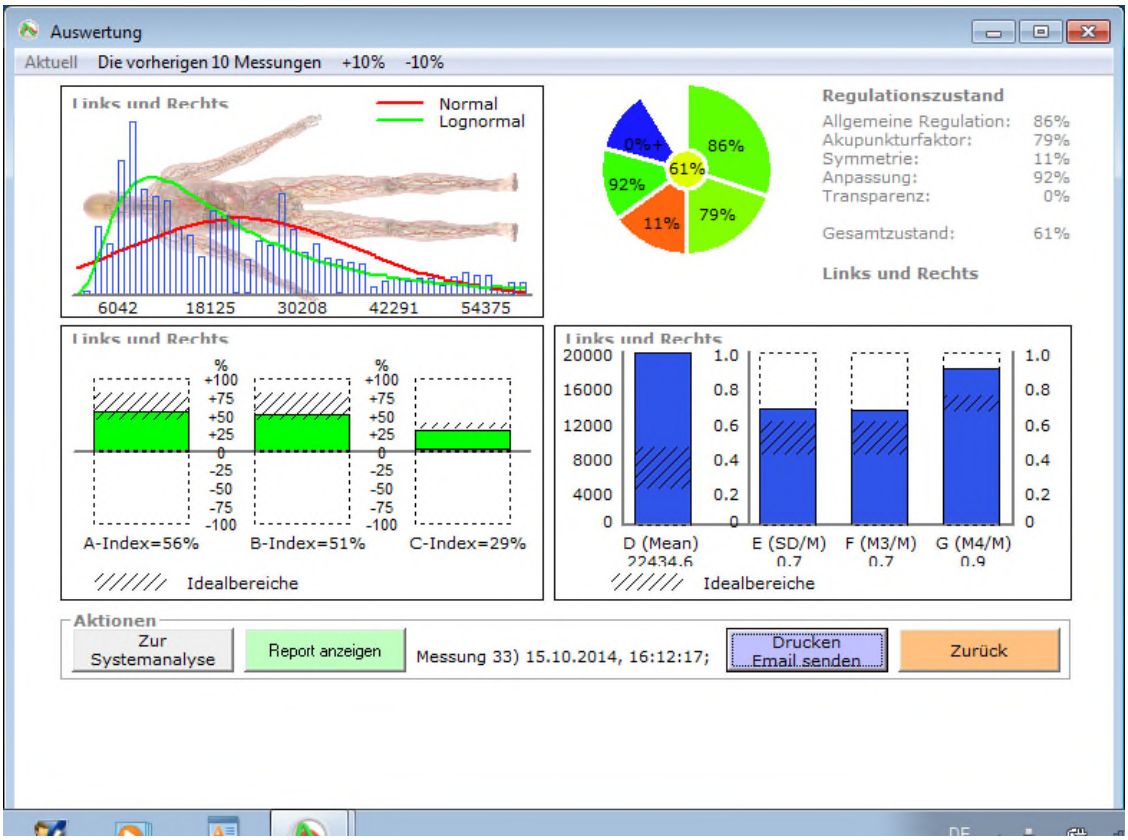
Subject 2 before treatment



Subject 2 came into the practice with severe abdominal complaints and exhaustion. Furthermore, she had also been being treated using conventional treatments for some time due to a histamine intolerance. There was unfortunately no progress. After a comprehensive medical history, I found out that she had also undergone a number of operations. The D-factor again showed a strong inclination to inflammation. The regulation condition lay at 86%, that means that the body was having to work very hard to keep itself in a good condition.

The body was actually working too hard and was trying to compensate for intolerances so that the subject was in a severe state of exhaustion.

Course of treatment:

Testing revealed that the patient reacted negatively towards all major allergens, the scars module and the hormone balancing module.

The treatment lasted one hour.

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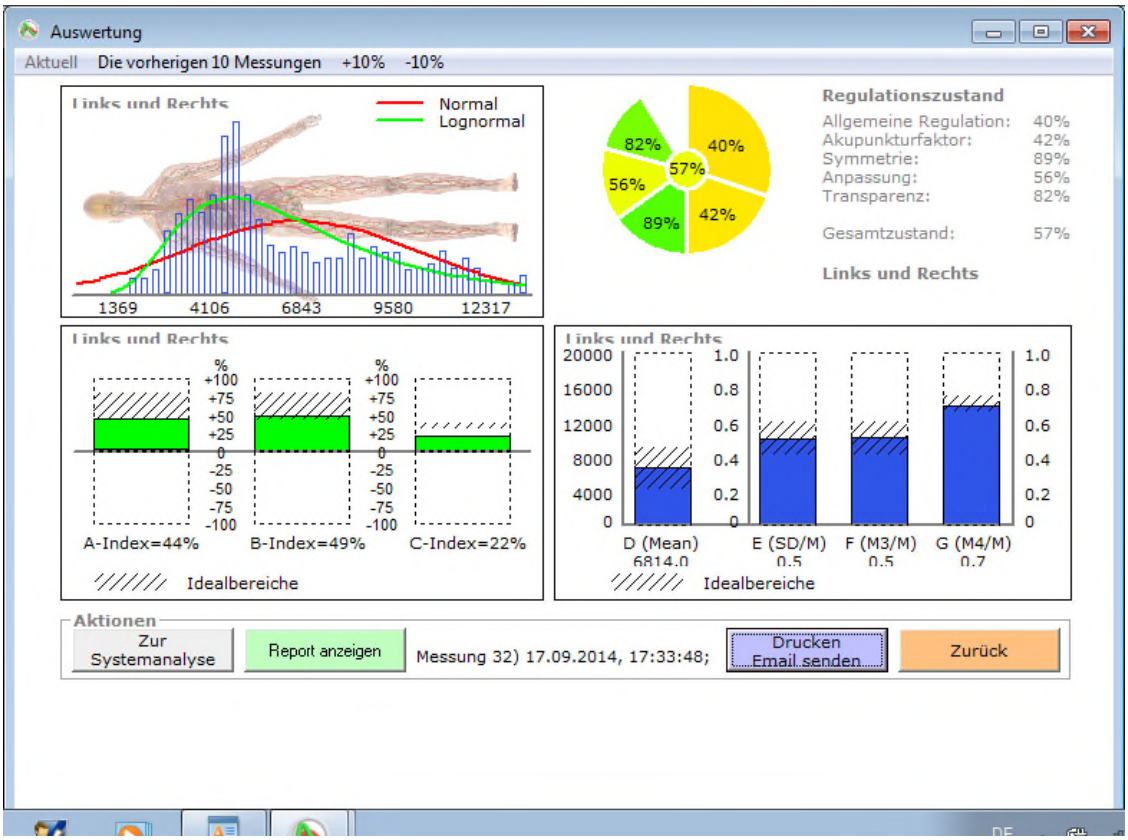
Subject 2 after treatment



After approximately one hour of treatment with the scars module, the hormone balancing module and the major allergens, the subject was able to leave the practice with no pain. She was of course given the Symbio Harmonizer Card so that she could use the card for all meals and beverages.

The evaluation of the measurement revealed a significant improvement of the D-factor which was based on the reduction of the histamine. The regulation condition levelled off at a normal level, so that the body did not have to work excessively. After the treatment, all body structures were very well balanced. The subject immediately felt a certain amount of tranquility and was extremely happy to be able to eat everything again and could hardly wait to try out the Symbio Harmonizer Card.

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Subject 3 before treatment

Subject 3 came to me with strong emotional fluctuations, headaches and general listlessness in all areas. The subject's physical condition resembled a state of exhaustion, which he might well have had for more than six months already.

The A-index showed very clearly that he had no more daily energy. The B-index displayed the condition of the meridians, these also showed a clear deficit. As a result, the regulation condition was also only 3%. One could also talk about a physical stiffness here. The acupuncture factor of 31% showed the organs that also required help.

Course of treatment:

The testing resulted in the meridian module, the acids-alkali balancing module and the hormone balancing module.

The treatment also lasted approximately one hour.

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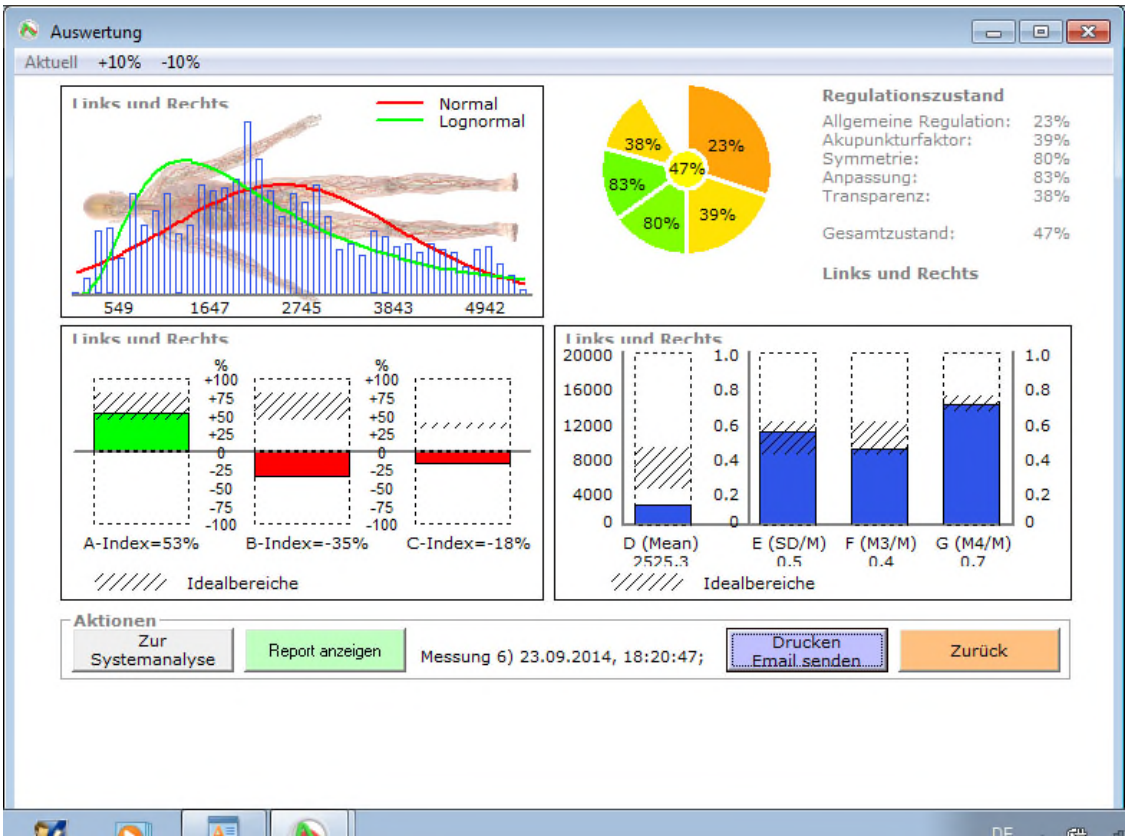
Subject 3 after treatment



After approximately one hour of treatment with the Harmonizer Med and the accompanying modules, one could very clearly see that the subject was perfectly balanced and was full of confidence. He felt resilient once more.

One could see very clearly in the A-index that the provision of energy of the body had increased again, and that it can now work by itself again. For the B-index that interprets the meridians, one can also again see a tendency towards orderliness. The general regulation increased to 20%, and that indicates that the body has again achieved a good level of homeostasis.

A further appointment was then set where we tested out the supporting dietary supplements for the body.

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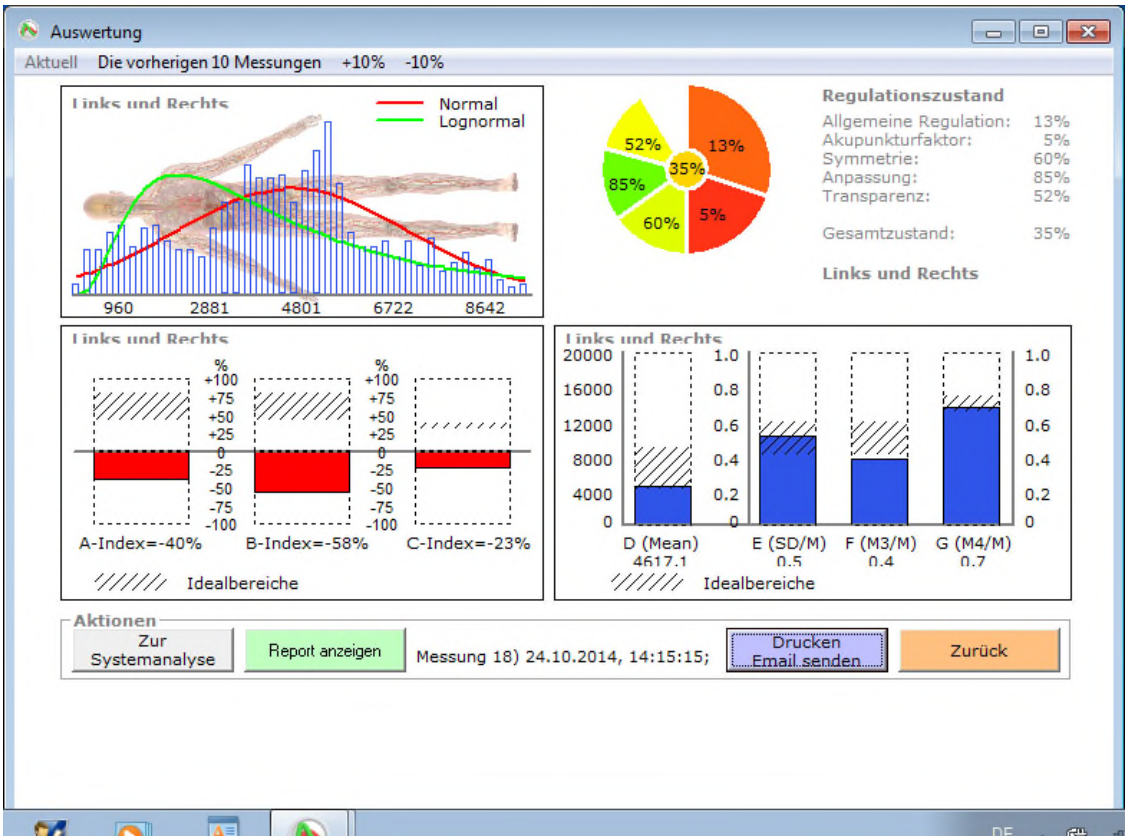
Subject 5 before treatment



Subject 5 before treatment

Subject 5 came into the practice with severe discomfort in the lumbar spine, constipation, digestion problems and continually recurring infections.

The regulation condition of this person is very greatly reduced, and the acupuncture factor also only shows a value of 9%. That is indeed a higher tendency for physical complaints.

Testing of the modules took place after a comprehensive medical history.

Course of treatment:

The testing of modules resulted in the hormone balancing module, major allergens, the virus module, the acid-alkali balancing module and ATP.

The treatment lasted approximately one hour.

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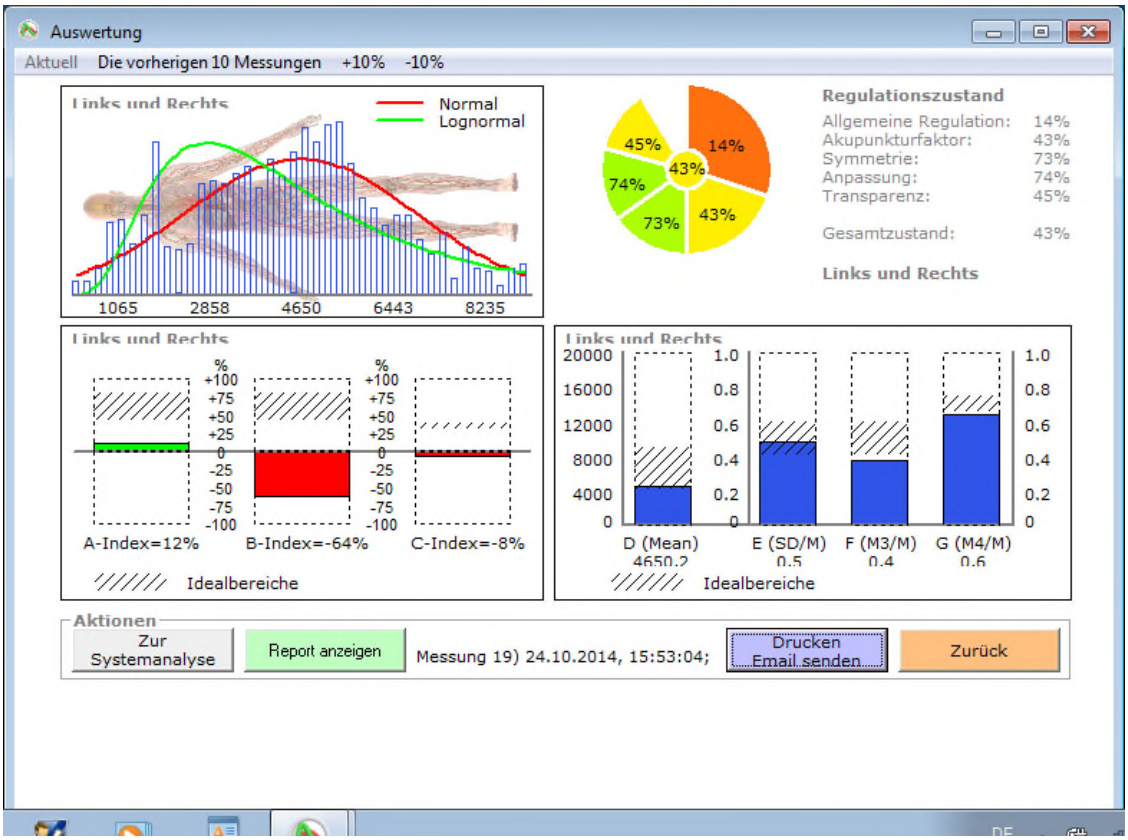
Subject 5 after treatment



After treatment, the acupuncture factor increased from 9% before the treatment to 43% after the treatment. That is a clear sign that the organs are again working as they should. There again occurred a balancing within the meridian system. In addition, I gave her the recommendation to visit an orthopaedist who should be able to treat the blockages in the cervical vertebral column area. My recommendation was the development of the intestines, and I also gave her the Symbio Harmonizer Card for all meals and beverages.

The patient felt very relaxed after the treatment and also felt a pleasant warmth in the body.

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SYMBIOCEUTICALS

Harmonizer GmbH

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