The Device of development of concentrations of eternal life

PRK-1U of three-modes.

Description and methodologies of working with the device

Contents

On the basis, and in accordance with the patent "Method for Prevention of Catastrophes and Device for its Realization", and other of his inventions, where normalization of the controlling impulse is performed, which is generated by a person in the form of an element of his consciousness, in the form of a glow of the thought, Grigori Grabovoi has created the Device of development of concentrations of eternal life PRK-1U of three-modes. In this device, the principle of similarity to human body is laid in. It consists in the fact, that the device itself has two switches, but at the same time, three modes are operating. The analogy consists in the fact, that different thoughts are born and realized in the human body, but at the same time, the bodyweight does not increase. The device has functions of artificial intelligence.

- The first mode - is universal.
- The second mode - is to enhance the stationary phase of reality.
- The third mode - is to enhance the dynamic phase of reality (impulse-periodic).

The impulse-periodic mode is enabled by the very circuit of the device without the switch.

Information before using the device

The Device of development of concentrations of eternal life PRK-1U of three-modes.

Before using the Device of development of concentrations of eternal life PRK-1U of three-modes, read the user's manual for this device and the device description at the web page https://pr.grigori-grabovoi.world/index.php/technical-devices/prk-1u

The description at the given web page is available in English, German, French, Serbian, Russian.

Safety and operation:

Please follow the link https://pr.grigori-grabovoi.world/index.php/technical-devices/prk-1u

WARNING:

To avoid electrical short circuits and related consequences, including possible fire of the device element at the point of electrical short circuit, do not expose the device to moisture.

Avoid dropping the device from a great height.

Norms:

The information on standards, certificates, conformity marks, patent protection, trademarks related to the Device of development of concentrations of eternal life PRK-1U of three-modes can be found on the device itself, in the documentation provided in the packaging box and on the official website https://pr.grigori-grabovoi.world

Republic of Serbia and the European Union. Information on recycling:

A crossed-out garbage container sign on the device and in the documentation indicates that in accordance with local laws and regulations this product should be disposed of separately from household waste.

The power adapter meets the requirements:

"On safety of low-voltage equipment" and "Electromagnetic compatibility of technical equipment."

Individual device data:

The model number and individual serial number of the device are located on the rear panel of the device. Use these numbers if you need to contact the manufacturer whose address and website are available on the rear panel of the device.

Materials used and tests:

Safe materials are used in the device. It has elements and soldering materials that do not contain lead or other harmful substances.

Each component of each part of the device is carefully evaluated for environmental safety.

Every device is tested for at least 24 hours of continuous operation prior to the beginning of operation in each of the three operating modes of the device, which guarantees normal performance of the device.

Instruction on turning the device on

Plug the device in to the electrical grid.

The device is being turned off when the device button (1) is in the position «downward».

Photo 1: The device is turned off.

In order to turn the device on it is necessary to switch the button (1) to upward position.

While doing so, pay attention to the position of the button (2), since depending on it a certain mode of the device would be turned on. If the button (2) is in the downward position (Photo 2), the device will be turned on in the first mode, if it is in the upward position (Photo 3), the device will be turned on in the third mode.

Photo 2: The first mode is turned on. Button (2) is in the position «downward».

Photo 3: The third mode is turned on. Button (2) is in the position «upward».

If the device was turned on in the third mode (Photo 3), then by switching the button (2) to downward position it is possible to transfer to the first mode of the device operation (Photo 2).

If it is necessary to turn the device on in the second mode, then in order to start it needs to be turned on in the first mode (Photo 2), and then switch the button (2) to upward position (Photo 4).

Photo 4: Turning the second mode on. It is performed from the first mode. Button (2) to the position «upward».

In order to determine the mode of the device operation at the given moment, it is sufficient to take a look at the button of switching the modes (2).
If the button (2) is not glowing, it means that the device is operating in the first mode (Photo 2).
If the button (2) is glowing, the device is operating in the second mode (Photo 4).
If the button (2) is blinking, the device is operating in the third mode. Also, in the third mode, blinking inside the device is visible.

Description of the Device of development of concentrations of eternal life PRK-1U of three-modes

Development of concentrations providing for eternal life for all is carried out by the concentration of attention on the receiver of generated bio-signal and in the same time control for achieving result of the concentrations. It is known in psychology that the longer the concentration is carried out, the faster the goal is achieved, and the events are optimized.

The device, in addition to this factor of psychology, according to the law of universal connections has a control of the goal of concentration through superposition of the fields from generation of the bio-signal, electromagnetic fields. Device develops concentrations of constructively creative control.

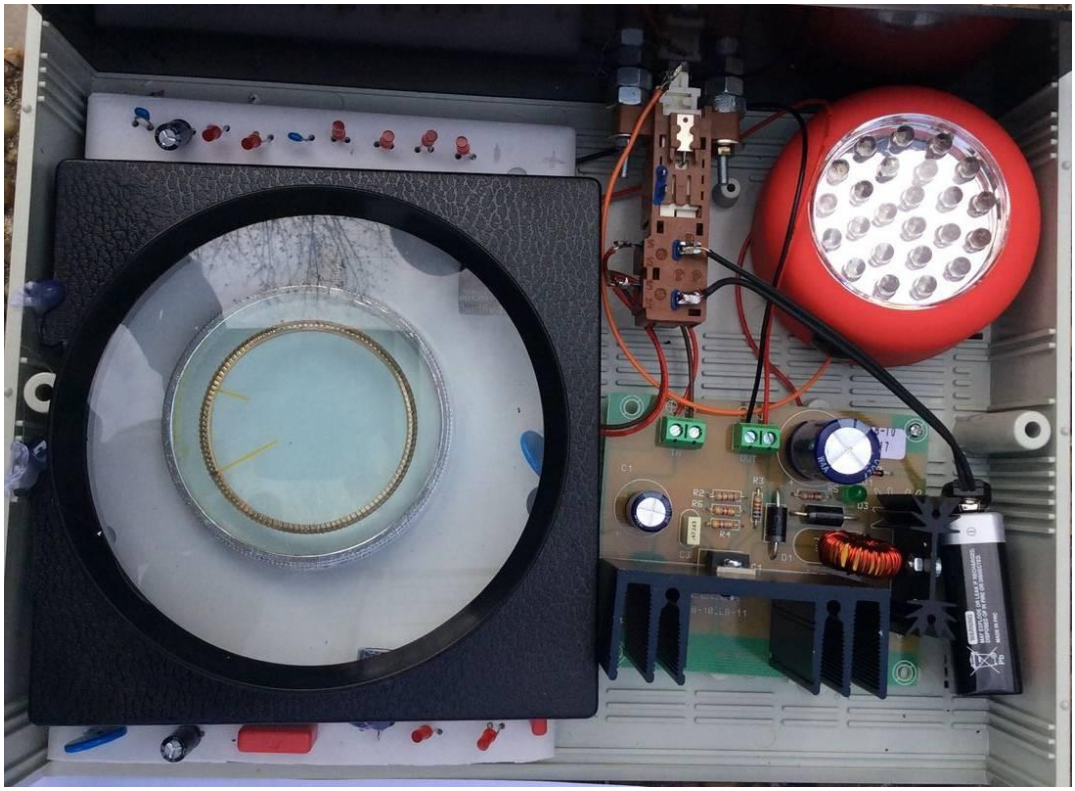
The device has been created by Grigori Grabovoi on the bases on his two currently effective patented inventions: “Method of prevention of catastrophes and the device for its realization” and “Information transmission system”.

In the patent “Information transmission system” has been written that it is known in the theory of wave synthesis that a thought generated emission may exist in two quantum states simultaneously. One of these states is located on the sensor element of the transmitter of the signals and another on the receiver of the signals. This makes it possible to create devices for ensuring eternal life, which interact with thinking. In the patented inventions of Grigori Grabovoi it is written that human operator generates information in the form of the emission of thought. In order to activate the function of the device “PRK - 1U” a person concentrates emission of creative thought on the lenses located on the upper surface of the device.

Thought contains a goal of concentration. The action of concentration for the current and future time is made on the sensor element of the transmitter of signals consisting of lenses. Circular movements of concentrations, starting from lens of smaller diameter are carried out counter-clockwise above the lenses of bigger diameter.

At concentrations related to the events of the past, the circular motion of the thought of concentration has been performed clockwise, starting from the smaller lens to the larger lens. And the ray of concentration in this case hasn't been on the top, as in the case of concentrations for the current and future time, but from the inner optical assembly of the device.

In accordance with the system of transmission of information, described in the patent, second quantum state of thought is projected onto the receiver of signals, which is arranged in the form of the optical apparatus inside the device.



Realization of the method of normalization, during the concentration, described in the patent “Method for Prevention of Catastrophes and Device for its Realization” is carried out by superposition of the fields from generation of the bio-signal, electromagnetic fields. In addition to the factor of psychology according to the law of action of universal connections, a control of the goal of concentration is added.

The device universally operates for development of the following concentrations that provide for eternal life:

Controlling 1:

Development of concentrations of eternal life for any event.

Controlling 2:

Development of concentrations of eternal life for the controlling clairvoyance.

Controlling 3:

Development of concentrations of eternal life for the controlling forecasting.

Controlling 4:

Development of concentrations of eternal life for rejuvenation.

By developing the concentrations of eternal life, with the help of the device, the realizable technologies need to be mastered with the spiritual development or with the controlling clairvoyance. In order to be able to do the same, including the processes of protection and normalization of health, with concentrations of your consciousness.

The Inventor of the device “PRK – 1U” is:

Grigori Petrovich Grabovoi

The Producer of the device is:

The Individual Entrepreneur "GRIGORII GRABOVOI PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT", operates acting on the basis of the Certificate of State Registration of the physical natural person Grigori Grabovoi as the Individual Entrepreneur №63983276 issued on 21 September 2015 by the Agency for the registration of enterprises Business Registers Agency of the Republic of Serbia.

Information on certificates, patents and trademarks:

The Device of development of concentrations of eternal life PRK-1 of three-modes has undergone the electromagnetic compatibility testing in the National Laboratory "**Idvorsky Laboratories"** (http://www.idvorsky.com), in the National Institution "**Institute Mihailo Pupin"** (IMP) (http://www.pupin.rs/en/home/), which is subordinate to the Ministry of Science of the Republic of Serbia.
The electromagnetic compatibility testing of the Device of development of concentrations of eternal life PRK-1U of three-modes have been undergone in the "Idvorsky Laboratories" in full compliance with the Electromagnetic Compatibility Directive of the European Union. Therefore, the obtained certificate on the normal parameters of the device PRK-1U, issued by the "Idvorsky Laboratories", under the European Union Directives in accordance with the International law, allows to place the CE marking on the device.

The "Idvorsky Laboratories" has been appointed by the Ministry of Economy of Serbia to issue such certificates for sales of devices with characteristics within the framework of the European Union Directives, therefore, there are no restrictions on the use of the devices PRK-1U in the European Union.

The "Idvorsky Laboratories" report in English on the testing of the Device of development of concentrations of eternal life PRK-1U of three-modes, with the conclusion that the characteristics of this device meet the standards of the European Union is given on the website, which is written on the rear panel of the device, on the website page:
https://pr.grigori-grabovoi.world/images/PRK1U/Certificates/EMC_Test_Report_Idvorski_Lab_en.pdf.

The Device of development of concentrations of eternal life PRK-1U of three-modes has undergone comprehensive safety testing in the ANL laboratory and has been awarded a certificate from the Institute of Nuclear Sciences "Vinča" (https://www.vin.bg.ac.rs). On the first page of the report, there is the CE marking, which relates to the whole device, together with a mains power plug with an adapter. The photograph of the device with the CE marking is on the first page of the report documentation.

The ANL laboratory report in English on the testing of the Device of development of concentrations of eternal life PPK-1U of three-modes, with the conclusion that the characteristics of this device meet the standards of the European Union, is available at the website, written on the rear panel of the device, on the website page:
https://pr.grigori-grabovoi.world/images/PRK1U/Certificates/Test_Report_AN_LAB_CO.pdf
Certificates, obtained on the basis of these reports, are given on the website page:
https://pr.grigori-grabovoi.world/index.php/certificates-of-compliance-prk-1u

The data on the inventions, with patent protection numbers, are written on the device housing:
«Patent pending: 2148845; 2163419; 62673151».

The device is manufactured under the trademarks GRABOVOI ® and GRIGORI GRABOVOI ®.

Evidence of operability of PRK-1U

On the issue of operability of the Device of development of concentrations PRK-1U, it is reported, that operability of this device of development of concentrations of eternal life is objectively established by the following:

1. Physical-mathematical theory, mathematical calculations, results of experiments, confirmed by numerous doctors of physical-mathematical and technical sciences, who are members of the editorial board of the journal "Electronic Equipment", and the published in the same magazine: https://licenzija8.wordpress.com/science/
2. Patents for inventions by Grigori Grabovoi: https://licenzija8.wordpress.com/patents/
3. Video protocols of testing of the device with good systematic results, that all the registered participants of testing, without exception, 128 participants, have performed: https://pr.grigori-grabovoi.world/index.php/technical-devices/video-testimonials
4. Signed protocols of successful testing of the device: http://pr.grigori-grabovoi.world/index.php/technical-devices/written-testimonials
5. A period of more than four years with hundreds of testing and operation of the device without negative results, with numerous positive results: http://educenter.grigori-grabovoi.world/course/index.php?categoryid=30

Results of using the Device of development of concentrations of eternal life PRK-1U

A short collection of results of using the Device of development of concentrations of eternal life PRK-1U. Part 1 and part 2 can be downloaded on the links:
https://pr.grigori-grabovoi.world/index.php/technical-devices/testimonies-prk-1u
http://educenter.grigori-grabovoi.world/course/index.php?categoryid=30

Methodologies of working with the Device of development of concentrations of eternal life PRK-1U

Methods of use consist in: concentration on the goal of controlling 1, 2, 3, 4 is carried out within the time interval from 1 to 3 minutes, and if necessary longer, without the turned on device and when the device is turned on. The results are compared in terms of effect of development of concentrations which provide for eternal life. This effect is used for the development of concentrations on specified directions through repeated use of the device.

1. Development of concentrations of eternal life for rejuvenation.

1.1 Concentration can be performed for one's own rejuvenation, and then for rejuvenation of others. If You consider, that You are young, and that You still do not need to rejuvenate, then this concentration should be performed as training. In order that in the future, when You do wish to rejuvenate yourself, You will already know how to do it.

Method:

During this concentration, the desired age can be imagined, and during concentrations, it can be felt up to the level of real perception of oneself in that age.

1.2. Even young people need to practice this concentration, since it is necessary for the future, so that one can get rejuvenated at any time. I.e., we need to start learning since being young. In this concentration, it is necessary to focus attention on the spine. And to imagine numbers 498 by the spinal column. In this manner, it is necessary to get rejuvenated using the glowing of these numbers. I.e., the light from the numbers goes to and into the spine, and through the spine it is necessary to get rejuvenated fully.

1.3. The matter of eternal life generated by the device comes out from the space between the lenses. It is emitted from the space between the lenses. It is necessary to bring out the matter of eternal life into the coccygeal region of spine, so that the matter of eternal life passes up to the brain, and at the same time from the small lens, the other part of the matter has to, through the right and the left eye, join the matter from the coccyx, thus closing the circuit.

1.4. It is necessary to bring out the matter of eternal life from the central space between the lenses, to bring it out straight into the brain. From there - into the bone marrow (of the limbs). And through the bone marrow - into each cell of the body.

2. Development of concentrations of eternal life for any event.

1. At first, it is necessary to concentrate on a local region of one's body, for example, for normalizing.
Then, the same concentration can be done for other regions.
Further on, one can concentrate on any event.

2. In this concentration, it is necessary to transfer some element of consciousness into the infinite future, and from this infinite future to see that those events, that you have planned, are realized. For example, you, as if, look at the past, and there, the planned events have been realized, the same here:

- you look from the future to the past, which is the present, but it is the past in relation to the future. Or, the future, that is more distant, it is also - one future element, the other for the following future - is past. Accordingly, it is necessary to look, as if, backwards. And, from the infinite future, it is necessary to look backwards and to see that the intended events have been realized.

3. Development of concentrations of eternal life for controlling clairvoyance

At first, it is necessary to use controlling clairvoyance, looking at, in the current time, the room or the place You have left, or in which You have been a few hours ago.

Then, controlling clairvoyance in relation to any event can be used, and it is preferable, to set the goal of controlling, that You really need to have in realization.

Recommendations:

During looking at events, in using the concentration for controlling clairvoyance, the events can be at the same time corrected, if necessary. Since the controlling clairvoyance differs from ordinary clairvoyance in the fact, that in using controlling clairvoyance, simultaneously with looking at events, a correction of events, if necessary, is realized for providing for eternal life.

4. Development of concentrations of eternal life for controlling forecasting.

In controlling for controlling forecasting, the goal of controlling is also laid in to develop, with help of the device, consciousness and spirit in such measure, that eventually it is possible to manage further on without the device, using only the developed spirit and consciousness.

Method:

In this concentration, it is necessary to look at one's infinite future, eternal future and to see in this eternal future, for example, in a million years from now, basically, at any point of the infinite future, to see specifically some of one's own events. To see what exactly you are doing there. And while doing so, it is necessary to diagnose, from the current time, one's cellular composition, i.e. body cells, functions of the organism. To diagnose, and make sure that all is normal in that infinite future. It is better to create the norm right off in the current time.

Other methodologies of working with PRK-1U are posted on the Internet on the webpage http://educenter.grigori-grabovoi.world/course/index.php?categoryid=29

Justified Price of the Sublicense Agreement for the EP with PRK-1U

Upon the Sublicense Agreement for the object of intellectual property, it is informed: the provided for using intellectual property contains all the materials of the Education Program in different languages on flashcard, including the new, assembling of the PRK-1U device with individual optical data, providing for the right to use PRK-1U for 4 years and further on; providing for the right to use web account with the doubling and amplifying device PRK-1U for 4 years, providing for the 4-years access to the Library of the Education Center which contains all the materials of the Education Program, and with constantly uploaded all the new materials by G.P. Grabovoi.

Price of the materials, uploaded on the flashcard, for the price for which they are being successfully sold at Amazon for several years, in internet shops www.ggrig.com, www.grigiri-grabovoi.center, i.e. it is the real market value of the materials of the Education Program of 10280 euros. The access to the Library of the Education Center for 4 years is estimated by comparable price. Since by the selling, realized on the website www.grigori-grabovoi.world, there are the data, that yearly subscription to the Library of the Education Center costs 2500 euros, therefore the amount of subscription for 4 years is, accordingly, 10000 euros.

The assembling of the PRK-1U device with individual optical data, providing for the right to use PRK-1U for 4 years and further on, and also, providing for the right to use web account with the doubling and amplifying PRK-1U device for 4 years, contain the comparable expenses. These expenses contain labour cost of physical-mathematical account, of programming, cost value of delivery, assembling and other works. In total, a comparable price is obtained.

Thus, for the price of the agreement, the package of the much higher value is given, considering also the constant updating of the Library of the Education Center, and the possibility of adding modifications of the device.

In accordance with the expert approach to the evaluation of intellectual property of B.B. Leontiev the following is established:

Any object of intellectual property should be understood as an independent and integrated in the business system of knowledge. Each object of property combines qualities that make it possible to distinguish it not only by type and category, for example, an intellectual property, patent, know-how, technology transfer, regulated by the articles of the civil code, but also to identify it from the legal position and taking into account the amount of benefits received from it. Any qualitative result of intellectual activity in the sphere of public relations becomes an object of intellectual property, which has at least three groups of criteria: technical (or artistic), legal and economic.

Initially, the object of property is characterized by technical quality content, which allows to evaluate it in terms of functional use. These are the basic technical qualities: functional suitability, wear out, resource. The suitability of all the works by Grigori Grabovoi is proved by the results of the works, which are formally documented and given in the three-volume “Practice of Control. The Way of Salvation”. There is no wear out of the works by Grigori Grabovoi from the point of view of their repeated reading, since there are numerous evidences that after repeated and many times reading of the works by Grigori Grabovoi, the technologies given in the works are mastered more profoundly, and moreover, the material is understood in new ways. This happens in connection with the ideology and practice of ensuring eternal life for all that is embedded in the texts of the works by Grigori Grabovoi, working with which brings the

result of ensuring eternal life without time restriction. This also proves that the works by Grigori Grabovoi have an endless resource.

Suitability of the Device of development of concentrations PRK-1U is established by the following:

1. The data, given in the section "Evidence of operability of the device" in this Brochure.

2. The wear out of the Device of development of concentrations PRK-1U in connection with the materials used is insignificant.

3. The resource of the Device of development of concentrations PRK-1U is unlimited in time, since the device develops concentrations based on the current level of development of concentrations during the use of the device.

4. Further, the object of property is characterized by space-temporal criteria in the sphere of law and economics. Economic and legal relations are interdependent and it is not appropriate to consider them separately.

In the sphere of right, the space characteristic is the territory of the action, the temporary one is the term of validity, which determine the parameters of the civil turnover of this object of right. The main legal characteristic of the object of property is the quality of legal protection, from which the potential for qualitative protection follows. The more quality legal protection is provided, the more effective protection of this object of property from dishonest users can be. Protection is laid at the stage of creating the object and is strengthened at the stage of its use. However, it is often necessary to protect from encroachment the most attractive objects of property at the creation stage, but more often still at the stage of use. The space-time mode of security and protection is more urgent the higher the quality of the content of the object of ownership is, that is, the more effective is its technical content, which is always primary. Therefore, highly qualified engineers and scientists should work in contact with highly qualified patent experts, patent attorneys and lawyers, to ensure that the high legal quality of protection, which is assigned to this object, corresponds to high technical quality. The legal envelope of the object of property, expressed by the modes of security and protection of the object, personifies the idea of justice in it. As the facts show, Grigori Grabovoi took into account the above data defending his intellectual property.

The works by Grigori Grabovoi are protected by registration in various structures for copyright registration including the Copyright Registration Office of the Library of Congress of USA: TX 7-324-403 dated 06 February 2008, TXu 1-607-600 of 08 February 2008, TX 7-049-203 of February 12, 2008, TX 6-975-628 of February 13, 2008 (view data on the official site in a network of the Internet: TX0006975628/2008-02-13), TXu 1 — 789-751 of 25 July 2011. The address of the official site, the Copyright office of the Library of Congress containing the registration data http://www.cocatalog.log.gov Address of the Copyright office of the Library of Congress of the United States of America is Library of Congress United States, the Copyright Office, 101 Independence Avenue SE Washington, DC 20559-6000.

Form of the Agreement of Agency for the right to organize Sublicense Agreements for the EP with PRK-1U

UGOVOR O NALOGU broj _____ Beograd «_____»_____20____.	AGREEMENT OF AGENCY № _____ Belgrade «_____»_____20____.
Individualni preduzetnik «Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT», koji obavlja svoju delatnot na osnovu potvrde o državnoj registraciji fizičkog lica Grigorii Grabovoi kao individualnog preduzetnika od 21. septembra 2015. godine broj 63983276 izdatog od strane Agencije za priredne registre Republike Srbije, u daljem tekstu «Davalac naloga», sa jedne strane, i _____ _____ _____ u daljem tekstu «Primalac naloga», sa druge strane, zajedno u daljem tekstu Strane, zaključili su ovaj građansko-pravni ugovor kako sledi:	Individual Entrepreneur “Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT”, acting on the basis of the certificate of state registration of individual Grigorii Grabovoi as an individual entrepreneur of September 21, 2015 No. 63983276, issued by Business Registration Agency of the Republic of Serbia, hereinafter referred to as the “Principal” on the one hand, and _____ _____ _____ hereinafter referred to as the “Attorney”, on the other hand, collectively referred to as Parties, have concluded this civil Agreement as follows:
1. PREDMET UGOVORA	1. THE SUBJECT OF THE AGREEMENT
1.1. Davalac naloga daje nalog, a Primalac naloga se obavezuje da u ime Davaoca naloga izvrši sledeće:	1.1. The Principal entrusts and the attorney undertakes to perform on behalf of the Principal the following:
1.1.1. Da organizuje plasman i potpisivanje ugovoara o sublicenci za korišćenje Obrazovnog Programa po Učenju Grigorija Grabovoja sa uređajem za razvoj koncentracije PRK-1U.	1.1.1. Organize promotion and signing of the sublicense Agreement for the use of the Education Program on the Teachings of Grigori Grabovoi with Device of Development of Concentrations PRK-1U
1.1.2. Da vrši prevođenje, sprovodi testiranje PRK-1U, obavlja konsultacije sa Korisnikom podlicence do ispunjenja uslova ugovora, da organizuje isplate.	1.1.2. Provide translation, testing of PRK-1U, consult the Sub-Licensee until fulfillment of the conditions of the Agreement and arrange payments.
1.1.3. Da pronalazi fizička i pravna licia – potencijalne Korisnike podlicence preko Internet resursa i na druge načine.	1.1.3. Carry out searches for individuals and legal entities - potential Sub-Licensees through Internet resources and in other ways.
1.1.4. Da organizuje potpisivanje sa Davaocem naloga ugovora o podlicenci za korišćenje dela Grigorija Grabovoja za održavanje seminara po njima, njihovog izdavanja, za korišćenje njegovih robnih znakova GRABOVOI® i GRIGORI GRABOVOI®.	1.1.4. Organize the signing of sublicense agreements with the Principal on the use of the works of Grigori Grabovoi for conduction of seminars, publishing, and on the use of his trademarks GRABOVOI® and GRIGORI GRABOVOI®.
1.2. Da redovno i ažurno predaje izveštaje Davaocu naloga o svome tekućem radu i o rezultatima toga rada. Da za realizaciju ugovora o podlicenci snosi solidarnu odgovornost sa Davaocem naloga, koji nastupa kao Davalac podlicence, proporcionalnu isplatama Primaocu naloga.	1.2. Carry out regular and timely reporting to the Principal on the current activities and the results of these activities. Be held responsible, pro rata to the payments to the Attorney, for the implementation of the sublicense agreements jointly with the Principal acting as a Licensee.
2. PRAVA I OBAVEZE STRANA	2. RIGHTS AND OBLIGATIONS OF THE PARTIES
2.1. Davalac naloga zadržava pravo da sklapa ugovore o nalogu sa trećim licima.	2.1. The Principal reserves the right to enter into an agency contract with a third party.
2.2. Primalac naloga ima pravo da realizuje nalog koji mu je dat po ovom ugovoru na teritoriji zemalja Evropske Unije:	2.2. The Attorney has the right to perform the assignment, given to him under this agreement, on the territory of the

Belgije, Federativne Republike Nemačke, Italije, Luksemburga, Holandije, Francuske, Velike Britanije, Danske, Irske, Grčke, Portugala, Španije, Austrije, Finske, Švedske, Mađarske, Kipra , Letonije, Latvije, Malte, Poljske, Slovačke, Slovenije, Češke, Estonije, Bugarske, Rumunije, Hrvatske, kao i Srbije, SAD, Južne Amerike, Indije, Japana, Kine i Australije.	European Union: Belgium, the Federal Republic of Germany, Italy, Luxembourg, the Netherlands, France, Great Britain, Denmark, Ireland, Greece, Portugal, Spain, Austria, Finland, Sweden, Cyprus, Latvia, Lithuania, Malta, Poland, Slovakia, Slovenia, the Czech Republic, Estonia, Bulgaria, Romania and Croatia, as well as Serbia, the USA, South America, India, Japan, China and Australia.
2.3. Davalac naloga je obavezan da ako je to potrebno izda Primaocu naloga ovlašćenje za obavljanje radnji predviđenih tačkom 1.1 ovog ugovora.	2.3. The Principal is obliged to issue, if necessary, the power of attorney for the Attorney to carry out the actions provided for in paragraph 1.1 of this Agreement.
3. CENA USLUGA I NAČIN ISPLATE	3. COST OF SERVICES AND PAYMENT
3.1. Naknada Primaoca naloga iznosi 10% , porez i doprinosi uključeni, prihoda Davaoca naloga od svih ugovora o podlicenci, realizovanih preko Primaoca naloga. Isplata naknade vrši se posle ispunjenja uslova ugovora o podlicenci.	3.1. The Remuneration of the Attorney is 10% , all taxes included, of the income of the Principal, taxes included, for all carried out by the Attorney sublicense agreements. The payment of the remuneration is carried out in the case of fulfillment of the conditions of the sublicense agreement.
4. ROK VAŽENjA UGOVORA I NAČIN NjEGOVOG RASKIDA	4. TERM OF THE AGREEMENT AND ORDER OF ITS CANCELLATION
4.1. Ovaj Ugovor stupa na snagu od momenta njegovog zaključivanja i važi tri godine.	4.1. This Agreement shall enter into force upon its conclusion for the term of three years.
4.2. Ovaj ugovor može biti prevremeno raskinut prema zajedničkom sporazumu Strana, na zahtev jedne od Strana, ukoliko druga Strana suštinski prekrši ovaj ugovor i u drugim slučajevima, predviđenim važećim zakonima.	4.2. This Agreement may be prematurely terminated by mutual agreement of the Parties; at the request of one of the Parties; in case of material breach of this Agreement by the other Party; in other cases, stipulated by the current legislation.
5. ODGOVORNOST STRANA	5. RESPONSIBILITIES OF THE PARTIES
5.1. Pitanja nastala tumačenjem i primenom ovog ugovora koja nisu regulisana ovim ugovorom regulišu se na osnovu važećih zakona.	5.1. Issues arising from the interpretation and application of this Agreement that are not regulated by the Agreement shall be regulated on the basis of existing legislation.
5.2. Prilikom promene podataka, sedišta, bankarskih rekvizita svaka od strana je obavezna da drugu stranu o tome obavesti.	5.2. In case of the data, location, bank details changes, each Party is obliged to report it.
5.3. Bilo kakve izmene ili dopune uz ovaj ugovor smatraju se važećim ako su sačinjene u pismenoj formi i ako su ih potpisali ovlašćeni predstavnici Strana.	5.3. Any changes or additions to this agreement shall be valid if made in writing and signed by the authorized representatives of the Parties.
5.4. Uslovi ovog ugovora i dopunskih sporazuma uz njega predstavljaju poslovnu tajnu.	5.4. The terms of this Agreement and additional agreements are confidential.
5.5. Posle potpisivanja ugovora sva prepiska i svi pregovori i sporazumi gube svoju pravnu snagu, ako u ovom ugovoru nema pozivanja na njih.	5.5. After signing of the Agreement all correspondence and all negotiations and agreements lose their validity if they are not referred to in this Agreement.
5.6. Ugovor je sačinjen u dva primerka od kojih svaki ima jednaku pravnu snagu. Jedan primerak se nalazi kod Davaoca naloga, a drugi kod Primaoca naloga.	5.6. The Agreement is made in two copies, each having equal legal force, one of which Shall be kept by the Principal, the second one by the Attorney.
6. ADRESE, REKVIZITI I POTPISI STRANA	6. ADDRESSES, DETAILS AND SIGNATURES OF THE PARTIES
Davalac naloga:	The Principal:
Individualni preduzetnik Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT	Individual Entrepreneur Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Adresa:	Address:
11102, Ulica Kneza Mihaila 21A, lok.113, Beograd, Srbija	11102, Ulica Kneza Mihaila 21A, lok.113, Belgrade, Serbia
E-mail: grigorii.grabovoi.pr@gmail.com	E-mail: grigorii.grabovoi.pr@gmail.com
Skype: grigorii.grabovoi.pr	Skype: grigorii.grabovoi.pr

Tekući račun u Raiffeisen Bank A.D.:	The account in Raiffeisenbank:
IBAN (International Bank Account Number): RS35265100000016199245	IBAN (International Bank Account Number): RS35265100000016199245
SWIFT/BIC: RZBSRSBG	SWIFT/BIC: RZBSRSBG
Raiffeisen Bank A.D., Beograd, D. Stanojevića 16	Raiffeisen Bank A.D., Belgrade, D. Stanojevica 16.
Dinarski račun: 265176031000055628	Account in dinars (RSD): 265176031000055628
Primalac naloga:	The Attorney:
_____ _____ _____	_____ _____ _____
Adresa:	Address:
_____ _____ _____	_____ _____ _____
E-mail:	E-mail:
Skype:	Skype:
Pasoš:	Passport:
_____ _____	_____ _____
Rekviziti banke:	Bank details:
_____ _____ _____ _____	_____ _____ _____ _____
POTPISI STRANA:	SIGNATURES OF THE PARTIES:
Davalac naloga:	The Principal:
_____ /Grigorii Grabovoi/	_____ /Grigorii Grabovoi/
Primalac naloga:	The Attorney:
_____ / _____ /	_____ / _____ /

The PRK-1U device, and the connected to it round-the-clock individual web account for testing and using of the device during 90 minutes, can be used by persons, who are not included in the list of Sublicensees. But, by doing so, it is needed to apply for the participants to the e-mail address grigorii.grabovoi.pr@gmail.com (copy of the letter to the e-mail grigorii.grabovoi.pr2@gmail.com), for 3 days prior to the testing.
It is necessary to give the full name of the participant, date of birth and date of conducting the testing. You can learn about the financial conditions of the longer lasting testing by sending a request to the e-mail grigorii.grabovoi.pr@gmail.com. Testing up to 8 minutes can be conducted without paying.
The paid for and the free of charge testing and using of the device, can be conducted for the goals of providing for the using of the device by other people, for promoting and concluding Sublicense Agreements for the use of the Education Program with PRK-1U.

DEKLARACIJA O USAGLAŠENOSTI broj 24

Mi (*proizvođač*)

Preduzetnik Grigorii Grabovoi PR
KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Kneza Mihaila 21A (lok 113 TC Milenijum)
11102 Beograd, Srbija

izjavljujemo pod sopstvenom odgovornošću da je proizvod:

Naziv proizvoda:	**Uređaj za razvoj koncentracija večnog života PRK-1U tri - mod**
Robna marka:	**GRABOVOI ®**
	GRIGORI GRABOVOI ®
Tip / Model:	**PRK-1U tri - mod**

u skladu sa bitnim zahtevima sledećih propisa:

I Pravilnik o elektromagnetskoj kompatibilnosti ("Sl. glasnik RS", br.25/2016)
II Pravilnik o električnoj opremi namenjenoj za upotrebu u okviru određenih granica napona ("Sl. glasnik RS", br.25/2016)

Primenjeni su sledeći standardi:

I SRPS EN 55014-1:2010 + A1:2010 + A2:2012
SRPS EN 55014-2:2015
II SRPS EN 60335-1:2012 + A11:2015 + AC:2014

Ocenjivanje usaglašenosti su sprovela sledeća imenovana tela:

I Idvorski laboratorije doo Beograd (И038), broj Sertifikata o pregledu tipa 00004 00502 21.08.2018.
II Institut za nuklearne nauke Vinča – Biro za sertifikaciju doo Beograd (И003) , broj Potvrde o usaglašenosti VINCA.PU.18.AD262 date 03.09.2018.

Mesto i datum izdavanja:

Beograd, 04.09.2018.

M.P.

Grigorii Grabovoi pr
KONSALTING TECHNOLOGIES
OF ETERNAL DEVELOPMENT
BEOGRAD

Odgovorna osoba
(ime i prezime / funkcija)

Photocopies of the patent “Method for Prevention of Catastrophes and Device for its Realization” and the patent “Information-Carrying System”

РОССИЙСКАЯ ФЕДЕРАЦИЯ

ПАТЕНТ

НА ИЗОБРЕТЕНИЕ

№ 2148845

Российским агентством по патентам и товарным знакам на основании Патентного закона Российской Федерации, введенного в действие 14 октября 1992 года, выдан настоящий патент на изобретение

СПОСОБ ПРЕДОТВРАЩЕНИЯ КАТАСТРОФ И УСТРОЙСТВО ДЛЯ ЕГО ОСУЩЕСТВЛЕНИЯ

Патентообладатель(ли):

Грабовой Григорий Петрович

по заявке № 99120836, дата поступления: 07.10.1999

Приоритет от 07.10.1999

Автор(ы) изобретения:

Грабовой Григорий Петрович

Патент действует на всей территории Российской Федерации в течение 20 лет с **7 октября 1999 г.** при условии своевременной уплаты пошлины за поддержание патента в силе

Зарегистрирован в Государственном реестре изобретений Российской Федерации

г. Москва, ***10 мая 2000 г.***

Генеральный директор

А.Д. Корчагин

РОССИЙСКАЯ ФЕДЕРАЦИЯ

ПАТЕНТ

НА ИЗОБРЕТЕНИЕ

№ 2163419

Российским агентством по патентам и товарным знакам на основании Патентного закона Российской Федерации, введенного в действие 14 октября 1992 года, выдан настоящий патент на изобретение

СИСТЕМА ПЕРЕДАЧИ ИНФОРМАЦИИ

Патентообладатель(ли):

Грабовой Григорий Петрович

по заявке № 2000117595, дата поступления: 06.07.2000

Приоритет от 06.07.2000

Автор(ы) изобретения:

Грабовой Григорий Петрович

Патент действует на всей территории Российской Федерации в течение 20 лет с **6 июля 2000 г.** при условии своевременной уплаты пошлины за поддержание патента в силе

Зарегистрирован в Государственном реестре изобретений Российской Федерации

г. Москва, ***20 февраля 2001 г.***

Генеральный директор

А.Д. Корчагин

The detailed information on patents with description is posted on the website https://licenzija8.wordpress.com/patents/

Photocopies of trademarks

The works, devices and activities conducted by Grigori Grabovoi are protected by trademarks:

Of the European Union “GRABOVOI®” with registration number No. 009414673 of February 18, 2011 (filing date September 30, 2010) and the European Union “GRIGORI GRABOVOI®” with registration number No. 009414632 of 18 February 2011 (filing date September 30, 2010). The data about these trademarks are given on the official website of the Office for harmonization in the internal market of the European Union registering the trademarks http://oami.europa.eu/ows/rw/pages/index.en.do. Address: Avenida de Europa, 4-03008 Alicante SPAIN, Telephone+3496 5139100; Email: information@oami.europa.eu

Eingetragen / Registered 18/02/2011

No 009414632

HABM – HARMONISIERUNGSAMT FÜR DEN BINNENMARKT
MARKEN, MUSTER UND MODELLE

EINTRAGUNGSURKUNDE

Diese Eintragungsurkunde wird für die unten angegebene Gemeinschaftsmarke ausgestellt. Die betreffenden Angaben sind in das Register für Gemeinschaftsmarken eingetragen worden.

OHIM – OFFICE FOR HARMONIZATION IN THE INTERNAL MARKET
TRADE MARKS AND DESIGNS

CERTIFICATE OF REGISTRATION

This Certificate of Registration is hereby issued for the Community Trade Mark identified below. The corresponding entries have been recorded in the Register of Community Trade Marks.

GRIGORI GRABOVOI

Der Präsident / The President

António Campinos

Of Australia “GRABOVOI®” with registration number No. 1477713 of July 02, 2012 (the date of filing March 01, 2012) and “GRIGORI GRABOVOI®” with registration number No. 1477714 of July 02, 2012 (the date of filing March 01, 2012). Data about these trademarks are given on the official website of the Bureau of Intellectual property Australia (Intellectual Property Australia): http://www.ipaustralia.gov.au Address: The Canberra Central Office, Ground Floor, Discovery House, 47 Bowes Street, Phillip ACT 2606; e-mail: assist@ipaustralia.gov.au

Australian Government
IP Australia

Discovery House Phillip ACT 2606
PO Box 200, Woden ACT 2606
Australia
Phone: 1300 651 010
International Callers: +61-2 6283 2999
Facsimile: +61-2 6283 7999
Email: assist@ipaustralia.gov.au
Website: www.ipaustralia.gov.au

21/03/2012

International Bureau, WIPO
34, chemin des Colombettes
P.O. Box 18
1211 Geneva 20,
SWITZERLAND

MADRID AGREEMENT AND PROTOCOL
COMPLETION OF EX OFFICIO EXAMINATION
- INTERIM STATUS OF A MARK -
Rule 18BIS(1)(a) and (b)

RE: International Registration No. 1106610 / Trade Mark No. 1477713
For the mark: (Words) GRABOVOI
Holder of the international registration:
Grigori Grabovoi

The above International Registration Designating Australia has been accepted for protection for the following goods/services:

Class: 9
Apparatus for recording, transmission or reproduction of sound or images; magnetic data carriers, recording discs; automatic vending machines and mechanisms for coin-operated apparatus; cash registers, calculating machines, data processing equipment and computers; fire-extinguishing apparatus; data-processing programs; recorded and unrecorded data carriers of all kinds, in particular CDs, MDs, DVDs, video tapes and audio cassettes

Class: 16
Paper, cardboard and goods made from these materials, not included in other classes; printed matter; bookbinding material; photographs; stationery; adhesives for stationery or household purposes; artists' materials; paint brushes; typewriters and office machines (except furniture); instructional and teaching material (except apparatus)

Class: 41
Holistic medical coaching, providing electronic publications (non-downloadable); presentation of live performances, academies (education), education and instruction, correspondence courses,

arranging and conducting of cultural and sports events, providing of training; arranging and conducting of conferences, arranging and conducting of congresses, arranging and conducting of symposiums, coaching, vocational guidance, arranging and conducting of seminars, arranging and conducting of workshops (providing of training), arranging and conducting of colloquiums, arranging of exhibitions for cultural or educational purposes, entertainment; sporting and cultural activities; translation; conducting public readings and live performances (entertainment); services of a publishing firm, except printing; providing recreation facilities; providing games on the Internet; editing of texts (except publicity texts); film, video tape film, audio and television film production for all media; rental of film, video tape film, audio and television film productions on media of all kinds, editorial services, namely proof-reading of books and periodicals; correspondence courses

Class: 44

Medical services; holistic medical services in the fields of naturopathy and alternative medicine; acupuncture services, bioresonance therapy; psycho-mental services to influence and create emotional balance; mental healing; meditative and non-meditative physical and mental exercises being a guide to accessing self-healing powers for therapeutic purposes; healing counselling, medical and psycho-mental life counselling; consultancy with regard to holistic medical matters

If a Notification of Provisional Refusal has been issued in relation to this IRDA, the protection may not apply to all of the goods and/or services originally claimed.

Once a trade mark is accepted, it must be advertised in our Official Journal of Trade Marks. Your trade mark will be advertised on 22/03/2012.

Within 3 months after advertisement (the opposition period), other people may oppose protection of your trade mark. If no one has opposed the protection of your trade mark, or seeks an extension of time, by the end of the opposition period, your trade mark will be protected.

If notice of opposition is filed you will be notified, and in order to receive further documentation relating to the opposition, you will need to supply an address for service in Australia.

Registrar of Trade Marks
IP Australia

Of Japan “GRABOVOI®” with registration number No. 1106610 of 14 February 2013 (the date of filing of the application 01.03.2012 year) and “GRIGORI GRABOVOI®” has a registration number No. 1106611 of 14 February 2013 (the date of filing of the application 01.03.2012). Data about these trademarks are given on the official website of the industrial property digital library (IPDL) of the patent offices of Japan http://www.ipdl.inpit.go.jp/homepg_e.ipdl Japan Patent Office Address: 3-4-3 Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan E- mail: PA1B00@jpo.go.jp

商標登録証
(CERTIFICATE OF TRADEMARK REGISTRATION)

国際登録第１１０６６１１号
(INTERNATIONAL REGISTRATION NUMBER)

商標
(THE MARK)

GRIGORI GRABOVOI

指定商品又は指定役務並びに商品及び役務の区分
(LIST OF GOODS AND SERVICES)

9 Apparatus for recording, transmission or reproduction of sound or images; magnetic data carriers, recording discs; automatic vending machines and mechanisms for coin-operated apparatus; cash registers, calculating
その他別紙記載(REFER TO THE ATTACHED SHEET)

商標権者
(OWNER OF THE TRADEMARK RIGHT)
Ｇｒｉｇｏｒｉ Ｇｒａｂｏｖｏｉ

Ｋａｎａｌｓｔｒ． ４３ ２２０８５ Ｈａｍｂｕｒｇ
（Ｇｅｒｍａｎｙ）

国際登録日
(INTERNATIONAL REGISTRATION DATE) 01.04.2011

登録日
(REGISTRATION DATE) 平成２５年 ４月 ５日(April 5,2013)

この商標は、登録するものと確定し、商標原簿に登録されたことを証する。
(THIS IS TO CERTIFY THAT THE TRADEMARK IS REGISTERED ON THE REGISTER OF THE JAPAN PATENT OFFICE.)
平成２５年 ４月 ５日(April 5,2013)

特許庁長官
(COMMISSIONER, JAPAN PATENT OFFICE)
深野弘行

商標登録証

(CERTIFICATE OF TRADEMARK REGISTRATION)

国際登録第１１０６６１１号(INTERNATIONAL REGISTRATION NUMBER)

指定商品又は指定役務並びに商品及び役務の区分
(LIST OF GOODS AND SERVICES)

(9)	machines, data processing equipment and computers; fire-extinguishing apparatus; data-processing programs; recorded and unrecorded data carriers of all kinds, in particular CDs, MDs, DVDs, video tapes and audio cassettes.
16	Paper, boxes of paper, table cloths of paper, table napkins of paper, cardboard and cardboard articles; printed matter; bookbinding material; photographs; stationery; adhesives for stationery or household purposes; artists' materials; paint brushes; instructional and teaching material (except apparatus).
41	Holistic medical coaching, providing electronic publications (non-downloadable); presentation of live performances, academies (education), education and instruction, correspondence courses, arranging and conducting of cultural and sports events, providing of training; arranging and conducting of conferences, arranging and conducting of congresses, arranging and conducting of symposiums, professional training and coaching services; vocational guidance, arranging and conducting of seminars, arranging and conducting of workshops (providing of training), arranging and conducting of colloquiums, arranging of exhibitions for cultural or educational purposes, entertainment; sporting activities; organization of exhibitions for cultural or educational purposes; conducting public readings and live performances (entertainment); services of a publishing firm, except printing; providing recreation facilities; providing games on the Internet; editing of texts (except publicity texts); film, video tape film, audio and television film production for all media; editorial services, namely proof-reading of books and periodicals; correspondence courses.
44	Medical services; holistic medical services in the fields of naturopathy and alternative medicine; acupuncture services, psycho-mental services to influence and create emotional balance; mental healing; healing counselling, medical and psycho-mental life counselling; consultancy with regard to holistic medical matters.

［以下余白］

Of China (the People's Republic of China). "GRABOVOI®" has a registration number № G1106610 of October 01, 2012 (the date of filing of the application 01.03.2012) and "GRIGORI GRABOVOI®" has a registration number No G1106611 of October 01, 2012 (the date of filing of the application 01.03.2012). Data about these trademarks are given on the official website of the State Bureau of Intellectual Property of the People's Republic of China (SIPO) http://sbcx.saic.gov.cn/traide/ Postal code: 100028 Postbox: No.100088 mailbox, 104 branch, Beijing, China E-mail: chinatrademarkdatabase@gmail.com Address: Room 213, No. 14 Shuguangxili, Chaoyang, Beijing, China.

STATEMENT OF GRANT OF PROTECTION

Rule 18*ter*(1) of the Common Regulations

I. Office sending the statement:

Trademark Office
State Administration for Industry and Commerce
People's Republic of China

Sanlihe Donglu 8, Xicheng District
Beijing 100820, China
Tel: 8610-88650662
Fax: 8610-68050285

II. Number of the international registration: 1106611

This statement is related to the above international registration notified on 03/01/2012 by WIPO.

III. Name of the holder: GRIGORI GRABOVOI

IV. Protection is granted to the mark that is the subject of this international registration for all the goods and/or all the services requested.

V. Signature or official seal of the Office sending the statement:

VI. Date on which the statement was sent: 10/01/2012

STATEMENT OF GRANT OF PROTECTION

Rule 18*ter*(1) of the Common Regulations

I. Office sending the statement:

Trademark Office
State Administration for Industry and Commerce
People's Republic of China

Sanlihe Donglu 8, Xicheng District
Beijing 100820, China
Tel: 8610-88650662
Fax: 8610-68050285

II. Number of the international registration: 1106610

This statement is related to the above international registration notified on 03/01/2012 by WIPO.

III. Name of the holder: GRIGORI GRABOVOI

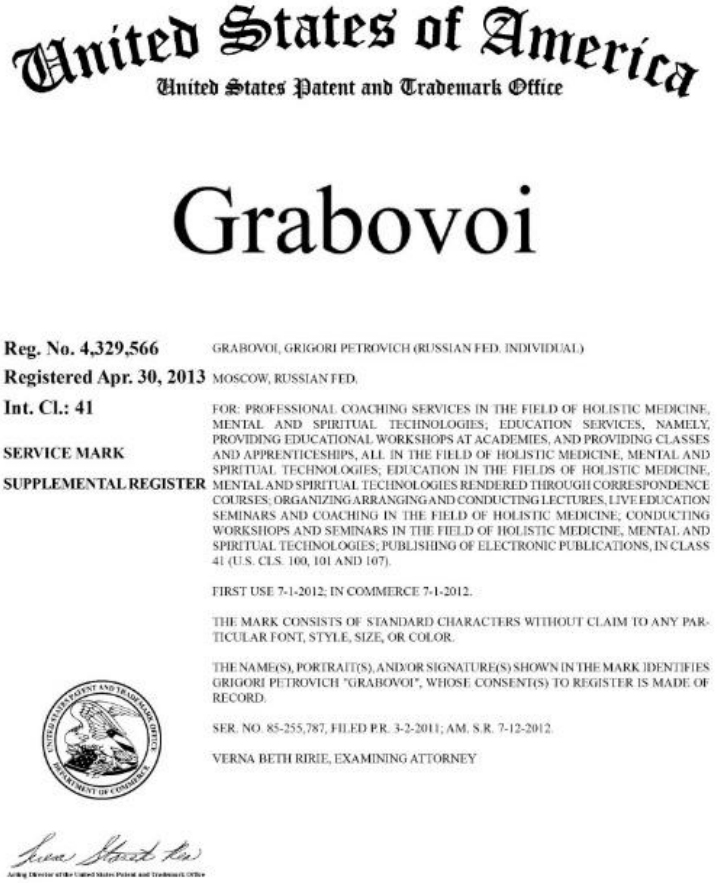
IV. Protection is granted to the mark that is the subject of this international registration for all the goods and/or all the services requested.

V. Signature or official seal of the Office sending the statement:

中华人民共和国国家工商行政管理总局 商标局

VI. Date on which the statement was sent: 10/01/2012

Of the United States of America. «GRABOVOI®» has a registration number No. 4329566 of April 30, 2013 (filing date March 02, 2011) and “GRIGORI GRABOVOI®” has a registration number No. 85255853 of July 19, 2013 (filing date March 02, 2011). Data about these trademarks are given on the official website of the Patent and Trademark office of the United States / United States Patent and Trademark Office registering the trademarks http://www.uspto.gov Address: P.O. Box 1450, Alexandria, VA 22313-1450,Telephone1-800-786-9199; Email: TrademarkAssistanceCenter@uspto.gov



United States of America
United States Patent and Trademark Office

Grabovoi

Reg. No. 4,329,566
Registered Apr. 30, 2013
Int. Cl.: 41

SERVICE MARK

SUPPLEMENTAL REGISTER

GRABOVOI, GRIGORI PETROVICH (RUSSIAN FED. INDIVIDUAL)

MOSCOW, RUSSIAN FED.

FOR: PROFESSIONAL COACHING SERVICES IN THE FIELD OF HOLISTIC MEDICINE, MENTAL AND SPIRITUAL TECHNOLOGIES; EDUCATION SERVICES, NAMELY, PROVIDING EDUCATIONAL WORKSHOPS AT ACADEMIES, AND PROVIDING CLASSES AND APPRENTICESHIPS, ALL IN THE FIELD OF HOLISTIC MEDICINE, MENTAL AND SPIRITUAL TECHNOLOGIES; EDUCATION IN THE FIELDS OF HOLISTIC MEDICINE, MENTAL AND SPIRITUAL TECHNOLOGIES RENDERED THROUGH CORRESPONDENCE COURSES; ORGANIZING ARRANGING AND CONDUCTING LECTURES, LIVE EDUCATION SEMINARS AND COACHING IN THE FIELD OF HOLISTIC MEDICINE; CONDUCTING WORKSHOPS AND SEMINARS IN THE FIELD OF HOLISTIC MEDICINE, MENTAL AND SPIRITUAL TECHNOLOGIES; PUBLISHING OF ELECTRONIC PUBLICATIONS, IN CLASS 41 (U.S. CLS. 100, 101 AND 107).

FIRST USE 7-1-2012; IN COMMERCE 7-1-2012.

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT, STYLE, SIZE, OR COLOR.

THE NAME(S), PORTRAIT(S), AND/OR SIGNATURE(S) SHOWN IN THE MARK IDENTIFIES GRIGORI PETROVICH "GRABOVOI", WHOSE CONSENT(S) TO REGISTER IS MADE OF RECORD.

SER. NO. 85-255,787, FILED P.R. 3-2-2011; AM. S.R. 7-12-2012.

VERNA BETH RIRIE, EXAMINING ATTORNEY

Certificate of the "Idvorsky Laboratories" on Compliance with the accepted standards and the Report to the Certificate.

Idvorski laboratorije d.o.o. Beograd
Volgina 15, 11060 Beograd
tel: +381 11 6776329
www.idvorsky.com
office@idvorsky.com
Sertifikaciono telo

И 038 18

АТС 04-026 АКРЕДИТОВАНО СЕРТИФИКАЦИОНО ТЕЛО SRPS EN ISO/IEC 17065:2013

Idvorski laboratorije

SERTIFIKAT O PREGLEDU TIPA broj 00004 00502

*prema **Pravilniku o elektromagnetskoj kompatibilnosti** (Službeni glasnik RS br. 25/2016)*

DATUM IZDAVANJA:	21.08.2018.	VAŽI DO:	20.08.2028.

PODNOSILAC ZAHTEVA: **Preduzetnik Grigorii Grabovoi PR**
KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Kneza Mihaila 21A lokal 113, 11102 Beograd

NAZIV / VRSTA APARATA: Uređaj za razvoj koncentracija vječnog života PRK-1U tri-mod

ROBNA MARKA: GRABOVOI ®
GRIGORI GRABOVOI ®

PROIZVOĐAČ: Preduzetnik Grigorii Grabovoi PR
KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Kneza Mihaila 21A lokal 113, 11102 Beograd

TIP / MODEL: **PRK-1U tri-mod**

Opis aparata (prozvoda), namena i tehnički podaci:

Uređaj za razvoj koncentracija (ne smatra se medicinskim uređajem).

Tehnički podaci:
- Ulazni napon: 100 - 240 V; 50 Hz / 60 Hz; 0,45 A max
- Potrošnja: ≤ 12 W
- Dimenzije: 250 mm x 190 mm x 80 mm
- Težina: 1 kg

Izveštaji sa ispitivanja

Primenjeni standardi:	Broj izveštaja:	Izdat od:	Datum:
SRPS EN 55014-1:2010 + A1:2010 + A2:2012 SRPS EN 55014-2:2015 SRPS EN 61000-3-2:2014 SRPS EN 61000-3-3:2014	#496	Idvorsky Laboratories	06.08.2018.

Ostala tehnička dokumentacija		Oznaka:	Datum:
1.	Deklaracija o usaglašenosti	18	13.08.2018.
2.	Spisak sastavnih delova	/	/
3.	Uputstvo za rukovanje	/	/
4.	Električna šema	1/1	/
5.	Montažna šema	/	/
6.	Tehnički podaci o komponentama	više	/

Prilozi

Nema

Napomene

Sertifikat važi samo za uređaj sa:

- AC/DC adapterom 100-240V (50/60 Hz, 0,45 A max) / 12V DC (1 A max)

Proizvođač: SHENZEN JINHUASHENG POWER TECHNOLOGY CO. LTD. Kina
Model: RS-AB1000

- dodatna 5 ferita (EMI suppression cores): 4 unutar uređaja (sa trostrukim navojem) i 1 (sa dvostrukim navojem) postavljen na kabl za napajanje uz već postojeći ferit koji dolazi uz AC/DC adapter.

Proizvođač: Crown Ferrite Enterprise Co., Taiwan
Model: CF655N

Pregledom tipa opreme, tj. pregledom tehničke dokumentacije dostavljene od strane podnosioca, izdaje se:

ZAKLJUČAK

BITNI ZAHTEVI	ISPUNJENI U POTPUNOSTI	ISPUNJENI ZA TRAŽENI OBIM PREGLEDA	NISU OBUHVAĆENI PREGLEDOM
1) elektromagnetske smetnje koje prouzrokuje oprema ne prelaze nivo iznad kog radio i telekomunikaciona oprema ili druga oprema ne može da radi kako je predviđeno	☒	☐ (*)	☐
2) nivo imunosti opreme na elektromagnetske smetnje koje se očekuju pri upotrebi opreme su u skladu sa njenom predviđenom namenom, koji toj opremi omogućava da radi bez neprihvatljivog pogoršanja njenih radnih karakteristika za predviđenu namenu	☒	☐ (*)	☐
(*) Aspekti bitnih zahteva i relevantnih elektromagnetnih pojava obuhvaćeni traženim obimom pregleda:			
/			

Uslovi važenja sertifikata:

- *Sertifikat važi samo uz sve priloge. Zabranjeno je kopiranje i umnožavanje, osim u celosti.*
- *Sertifikat ne važi ukoliko su na proizvodu sprovedene izmene. Izmene se moraju prijaviti Idvorski laboratorijama radi provere usaglašenosti sa tipom i izdavanja dopune/izmene/novog sertifikata po potrebi.*
- *Obezbeđenje ispunjenosti bitnih zahteva ili relevantnih elektromagnetnih pojava koje nisu obuhvaćene ovim pregledom tipa je obaveza proizvođača (vidi zaključak). Proizvođač je odgovoran za usaglašenost opreme/aparata/proizvoda prema svim primenljivim propisima.*
- *Usaglašenost svakog komada opreme/aparata/proizvoda sa tipom je obaveza i odgovornost proizvođača koji preduzima mere interne kontrole proizvodnje.*
- *Podnosilac zahteva snosi odgovornost za autentičnost dostavljene tehničke dokumentacije i u obavezi je da istu i Sertifikat čuva 10 godina od dana proizvodnje poslednjeg uređaja.*

Mesto izdavanja:

Beograd

m.p. Idvorski laboratorije Beograd-Zvezdara

Direktor:

Saša Jorgovanović, dipl.el.inž.

IDVORSKY LABORATORIES Ltd. Belgrade
Volgina 15, 11060 Belgrade, Serbia

www.idvorsky.com
office@idvorsky.com
Phone: +381 11 6776329

Idvorsky Laboratories

EMC TEST REPORT #	**496**
Date of the report	06.08.2018.
Date of testing	19. – 26.07.2018.
Job #	496

ATC
01-404
АКРЕДИТОВАНА ЛАБОРАТОРИЈА ЗА ИСПИТИВАЊЕ
SRPS ISO/IEC 17025:2006

Customer	**Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT,** Kneza Mihaila 21A lok 113 TC Milenijum, 11102 Beograd, Serbia
Manufacturer	**Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT,** Kneza Mihaila 21A lok 113 TC Milenijum, 11102 Beograd, Serbia
EUT	**The device of development of concentrations of eternal life PRK-1U is of three-modes**
Model/Serial No.	PRK-1U three-modes S/N: P160327 (first sample delivered) S/N: P160823 (second sample delivered)

Test result (according to methods and criteria reported in Clause 4 only)	**PASS**

Remarks: None.

Tested by:

LAB engineer
Andrijana Lazić

LAB engineer
Milivoje Miletić

Verified by:

LAB engineer Andrijana Lazić

Idvorski laboratorije Beograd-Zvezdara

Approved by:

p.p. *Technical Manager* Saša Jorgovanović

The electromagnetic compatibility (EMC) tests and the test results are valid for the tested product (EUT) sample only.

1. CONTENTS

2. Product identification

2.1. Data

EUT description: Development of concentrations providing eternal life for all is carried out by the concentration of attention on the receiver of generated bio-signal and in the same time control for achieving result of the concentrations. It is known in psychology that the longer the concentration is carried out, the faster the goal is achieved, and the events are optimized. The device, in addition to this factor of psychology, according to the law of universal connections has a control of the goal of concentration through superposition of the fields from generation of the bio-signal, electromagnetic fields. The device develops concentrations of creative control.

The device has been created by Grigori Grabovoi on the bases on his two currently effective patented inventions: "Method of prevention of catastrophes and the device for its realization" and "Information transmission system". In the patent "Information transmission system" has been written that it is known in the theory of wave synthesis that a thought generated emission may exist in two quantum states simultaneously. One of these states is located on the sensor element of the transmitter of the signals and another on the receiver of the signals. This makes it possible to create devices for ensuring eternal life, which interact with thinking. In the patented inventions of Grigori Grabovoi it is written that human operator generates information in the form of the emission of thought. In order to activate the function of the device "PRK - 1U" a person concentrates emission of creative thought on the lenses located on the upper surface of the device.

General technical characteristics of the EUT

- Input voltage: 100-240V, 50Hz / 60Hz, 0,45 A Max
- Power consumption: no more than 12 watts
- Size: 250 mm x 190 mm x 80 mm
- Weight: 1 kg

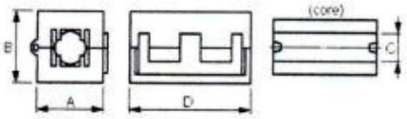
Note: the EUT is not considered to be a medical device.

Note: two EUT samples of the same model were delivered. Following the customer's request, the **first sample** (**S/N: P160327**) was to be used for every test except for radiated RF emissions test. The **second sample** (**S/N: P160823**), which contained added ferrite beads (details given below), was to be used only for the radiated RF emissions test. Four ferrite beads were placed inside the EUT (3 turns each), one was placed outside on the power cable of the AC/DC adapter. The second sample also contains a ferrite bead which comes with the AC/DC adapter. Also, there is a difference in the lengths of the power cables. The length of the power cable (cable between the adapter and the DC input power port) of the first sample is 1 m, while the second sample has a 1.2 m long power cable.

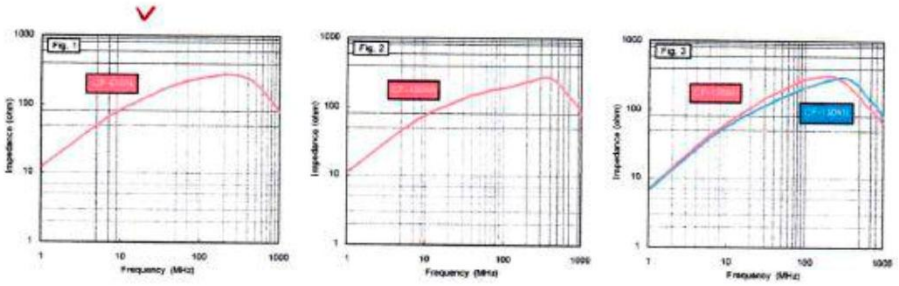
AC/DC adapter information

Manufacturer:	SHENZEN JINHUASHENG POWER TECHNOLOGY CO. LTD.
Model:	RS-AB1000
Made in:	China

Split EMI Suppression Cores (CF Series)

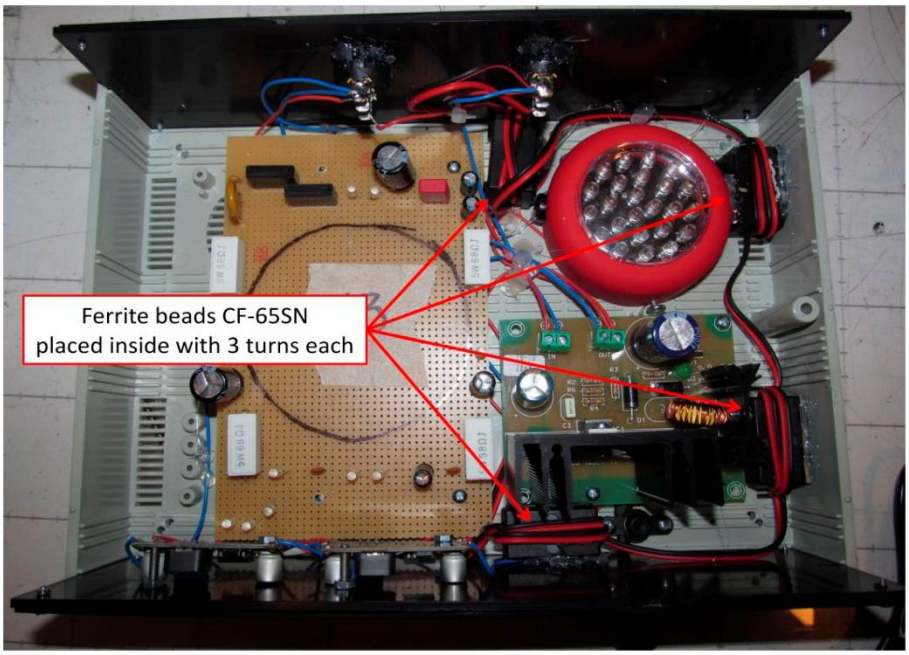


Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-65SN	17.8	19.5	6.5	32.5	140	240	1
CF-100SN	22.3	23.3	10.0	32.6	120	190	2
CF-130SN	29.6	30.5	13.0	33.0	125	280	3



Description of the added ferrite beads (the red marker indicates the model that was used) to the second sample (the sample used for the radiated RF emission test)

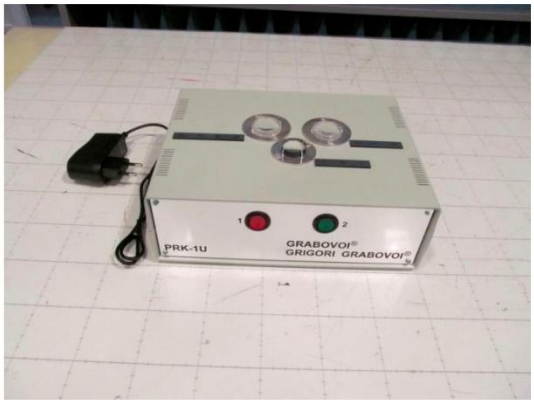
Manufacturer of the added ferrite beads: Crown Ferrite Enterprise Co., 17, Alley 14, Lane 165, Kang-Ning Rd., Sec. 3, Nei-Hu District Taipei, Taiwan



Ferrite beads placed inside the second sample

Ferrite bead placed outside the second sample on the AC/DC adapter's power cable

2.2. Photographs/schematics



EUT (first sample), front

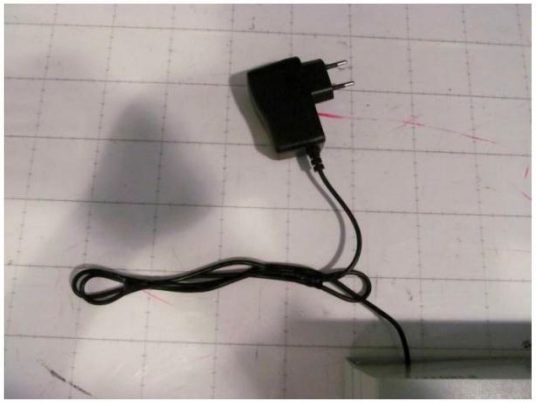
EUT (first sample), top

EUT (first sample), right side

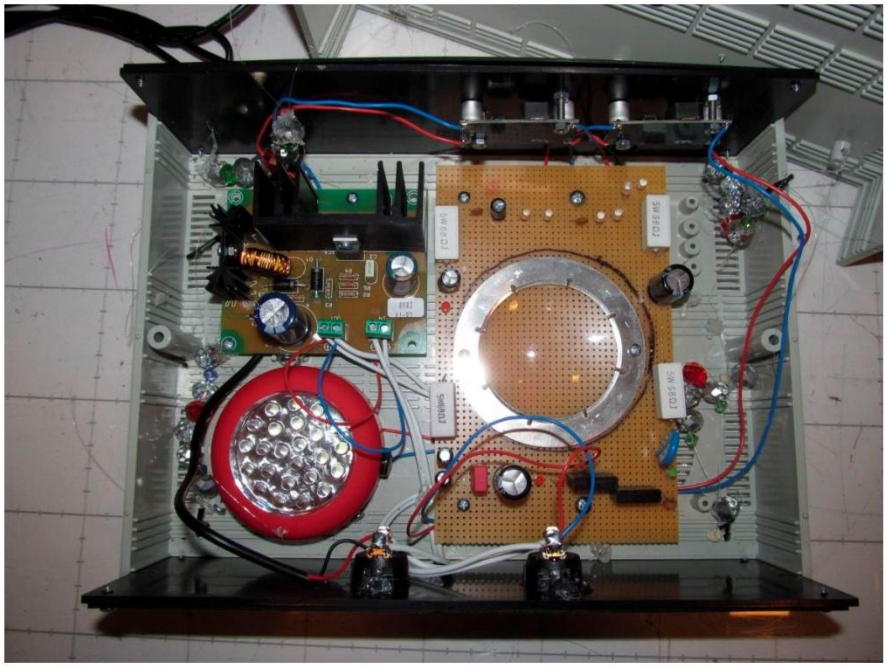
EUT (first sample), left side

EUT (first sample), rear

EUT (first sample), bottom

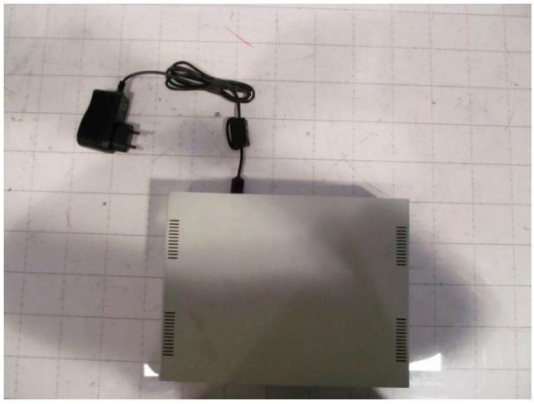


AC/DC adapter (first sample)



EUT (first sample), inside

EUT (second sample), front

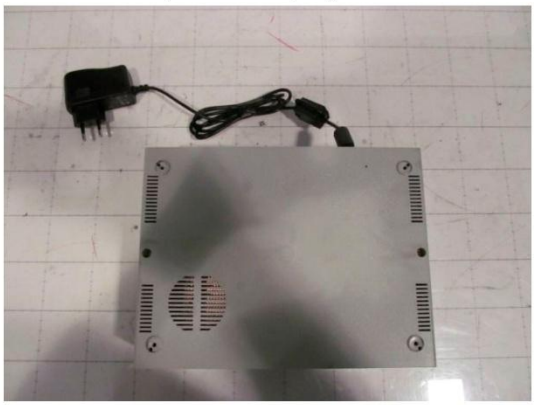


EUT (second sample), top

EUT (second sample), right side

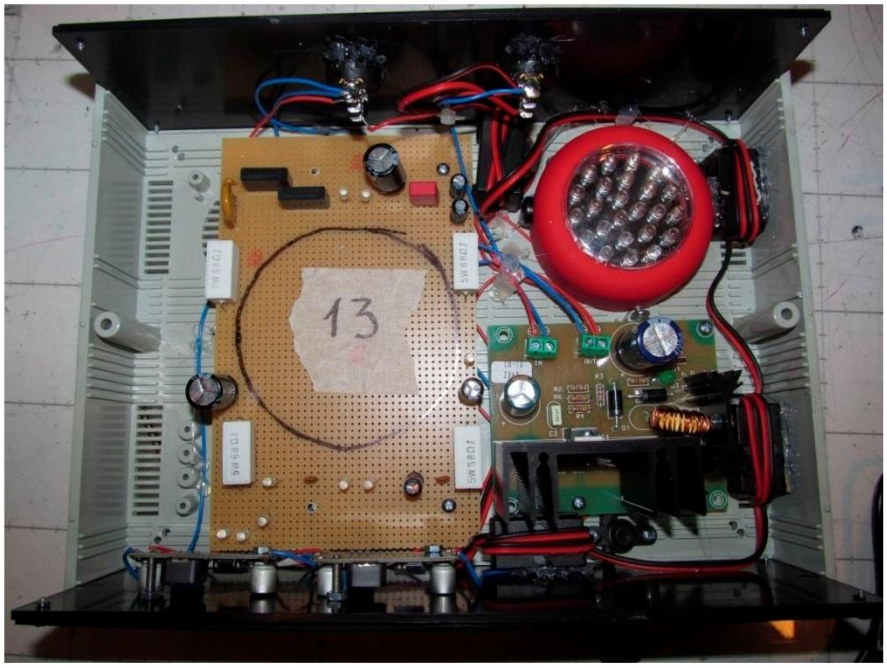
EUT (second sample), left side

EUT (second sample), rear



EUT (second sample), bottom

AC/DC adapter (second sample)



EUT (second sample), inside

2.3. Operation modes

Operation mode	Description of operation mode and exercise method
Third mode of operation	The EUT is connected to the 230 V, 50 Hz mains electrical grid and is turned on using button 1. The EUT is now in its first operation mode, which is a kind of standby mode. Pressing button 2 turns on the LEDs. This is the second mode of operation. The third mode of operation is achieved by turning the EUT off using button 1, while button remains in the on position, and then turning it back on. The light coming from the LEDs within the EUT is now pulsating.

2.4. Associated/auxiliary equipment

None.

2.5. Performance criteria

2.5.1. Emission criteria

Conducted RF emissions 150 kHz – 30 MHz: Required emission limits are according to the customer's request and also in accordance with table 1, clause 4.1.1.3 of EN 55014-1:2006 + A1:2009 + A2:2011.

Radiated RF emissions 30 MHz – 1 GHz: Required emission limits are according to the customer's request and also in accordance with table 4, clause 4.1.3 of EN 55014-1:2006 + A1:2009 + A2:2011.

Harmonics emission test: Required emission limits are according to the customer's request and also in accordance with table 1 for class A equipment from Annex A of the EN 61000-3-2:2014.

Flicker limitations test: Required emission limits are according to the customer's request and also in accordance with clause 5 of EN 61000-3-3:2013.

2.5.2. Immunity criteria

Performance criteria:	
Description of normal operation or performance degradation and monitoring	**Operation mode**
Criterion A – *The apparatus shall continue to operate as intended during the test. No degradation of performance or loss of function is allowed below a performance level (or permissible loss of performance) specified by the manufacturer, when the apparatus is used as intended. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and from what the user may reasonably expect from the apparatus if used as intended.* The disturbances may not influence the EUT's performance in any way. No restart, change of operation mode or change in the pulsating light's intensity or repetition frequency, which is constantly visually monitored, is allowed.	**Third mode of operation**

Criterion B – *The apparatus shall continue to operate as intended after the test. No degradation of performance or loss of function is allowed below a performance level (or permissible loss of performance) specified by the manufacturer, when the apparatus is used as intended. During the test, degradation of performance is allowed, however no change of actual operating state or stored data is allowed to persist after the test. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and from what the user may reasonably expect from the apparatus if used as intended.* The disturbances may not cause the EUT to restart or change its operation mode, but may temporarily (i.e. a few seconds) influence the operation mode, i.e. changing the pulsating light's intensity or repetition frequency. No human intervention is allowed to assist the EUT to get rid of any lasting changes the disturbances may have had on the EUT's operation mode.	
Criterion C – *Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls, or by any operation specified in the instructions for use.* The disturbances may cause the EUT to restart, change its operation mode, or influence in any way its current operation mode. Any influences on the EUT's performance must be either temporary, or removable by human intervention.	

2.6. Product related notes

None.

3. Test conditions

Temperature:	20.5 – 23.7 °C
Relative humidity:	42 – 49.8 % RH
Atmospheric pressure:	989 - 995 hPa

4. Test methods and short overview of the results

EUT is tested in the laboratory.
EUT is tested as tabletop equipment.
EUT is tested as category II equipment from clause 7.2.2 of EN 55014-2:2015.

According to criteria from Clause 2.5 of the report and the test plan according to the customer's request:

METHOD / STANDARD	PORT	TEST LEVEL (STANDARD)	OPERATING MODE	CRITERIA REQUESTED	RESULT
Conducted RF emissions EN 55014-1:2006 + A1:2009 + A2:2011	AC input power port	EN 55014-1:2006 + A1:2009 + A2:2011 Table 1, clause 4.1.1.3 150 kHz - 30 MHz Measurement by application of LISN.	Third mode of operation	/	**PASS**
Radiated RF emissions Referenced(1) EN 55022:2006 To apply EN 55022:2010 + AC:2011	Enclosure port	EN 55014-1:2006 + A1:2009 + A2:2011 Table 3, clause 4.1.3 30 MHz - 1 GHz Measurement at 3 m distance in semi-anechoic chamber.	Third mode of operation	/	**PASS**
Harmonics emission test EN 61000-3-2:2014	AC input power port	EN 61000-3-2:2014 Class A, table 1 Test type: fluctuating harmonics 2.5 min Test voltage 230 V, 50 Hz Time window: 200 ms	Third mode of operation	/	**PASS**
Flicker limitations test EN 61000-3-3:2013	AC input power port	EN 61000-3-3:2013 Clause 5 Test voltage 230 V, 50 Hz Observation period: 10 min Number of observations: 1	Third mode of operation	/	**PASS**
Immunity to radiated RF field EN 61000-4-3:2006+ A1:2008+A2:2010	Enclosure	EN 55014-2:2015 clause 5.5 3 V/m, AM 80 %, 1 kHz 1 s dwell time 80 MHz – 1000 MHz Test performed in SAC UFA: 1.5 m x 1.5 m, 2.3 m from the antenna	Third mode of operation	A	**PASS**
Immunity to conducted RF disturbances EN 61000-4-6:2014	AC input power port	EN 55014-2:2015 clause 5.3 3 V, AM 80 %, 1 kHz 1 s dwell time Disturbances applied through CDN M216	Third mode of operation	A	**PASS**
Immunity to EFT/Burst EN 61000-4-4:2012	AC input power port	EN 55014-2:2015 clause 5.2 Laboratory test CDN, common mode ±1 kV (peak), 5/50 Tr/Th ns, Repetition frequency: 5 kHz Duration: 120 s per polarity	Third mode of operation	B	**PASS**

Immunity to surge EN 61000-4-5:2014	AC input power port	EN 55014-2:2015 clause 5.6 1,2/50 (8/20) Tr/Th µS ±1 kV phase line to neutral line 5 positive and 5 negative pulses Pause: 60 s Generator impedance: 2 Ω Phase angle: 90 deg for positive, 270 deg for negative pulses Pulses to be applied through CDN	Third mode of operation	B	**PASS**
Immunity to ESD EN 61000-4-2:2009	Enclosure	EN 55014-2:2015 clause 5.1 Table-top equipment 4 kV (charge voltage)(Contact discharge) at horizontal and vertical conducting plane, screws, metallic parts of the housing, metallic plates 8 kV (charge voltage) (Air discharge) at buttons, plastic housing, vents, ac/dc adapter housing No post-installation test	Third mode of operation	B	**PASS**
Immunity to voltage dips and interruptions EN 61000-4-11:2004	AC input power port	EN 55014-2:2015 clause 5.7 Supply voltage 230 V, 50 Hz Changes of supply voltage occur at zero crossings of the voltage Number of applications: 3 Pause duration between applications: 10 s Voltage dip to: 70%/40%/0% for 25/10/0.5 cycles	Third mode of operation	C	**PASS**

(1) Referenced test method as specified by EN 55014-1:2006 + A1:2009 + A2:2011 in Annex ZA. The laboratory shall apply the test standard according to its scope of accreditation as noted. The standards have been compared previously and no significant changes in the test methods consigning to the testing had been found.

5. Test results

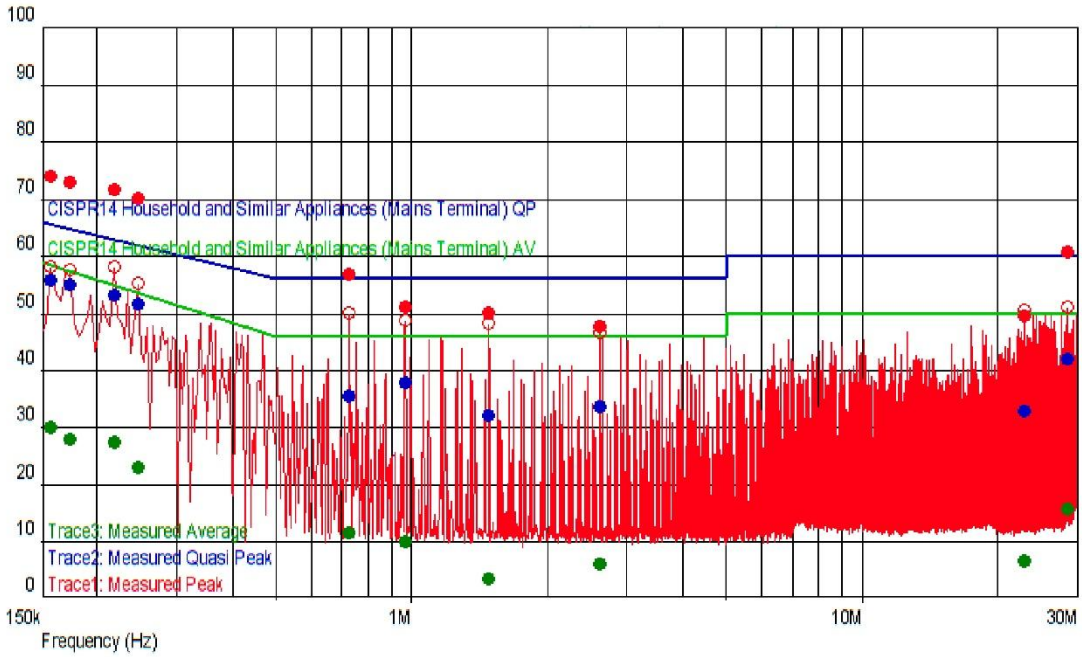
5.1. Conducted RF emissions

Date:	19.07.2018.
Test standard:	EN 55014-1:2006 + A1:2009 + A2:2011
Tested by:	Andrijana Lazić

5.1.1. Set up

Port under test:	AC power port
AC power port voltage:	223 V, 50 Hz
Frequency range:	150 kHz – 30 MHz
Pre-scan dwell time:	10 ms
Pre-scan detector:	Peak
Step:	4 kHz
Final measurement time:	15 s
EUT operation mode:	Third mode of operation

5.1.2. Results



f [MHz]	Pk level [dBuV]	QP level [dBuV]	QP limit [dBuV]	QP margin [dB]	Av level [dBuV]	Av limit [dBuV]	Av margin [dB]	LINE
0.158	73.825	55.54	65.568	-10.03	29.765	58.439	-28.674	N
0.174	72.768	54.78	64.767	-9.99	27.848	57.397	-29.549	L1
0.218	71.444	52.9	62.895	-9.99	27.114	54.963	-27.849	L1
0.246	69.809	51.55	61.891	-10.34	22.739	53.658	-30.919	L1
0.726	56.769	35.36	56	-20.64	11.259	46	-34.741	L1
0.966	50.799	37.56	56	-18.44	9.689	46	-36.311	L1
1.482	49.945	32.01	56	-23.99	3.355	46	-42.645	N
2.614	47.5	33.34	56	-22.66	5.74	46	-40.26	L1
22.91	49.395	32.79	60	-27.21	6.445	50	-43.555	L1
28.498	60.608	41.76	60	-18.24	15.458	50	-34.542	L1

Test result: **PASS**

5.1.3. Deviations

None.

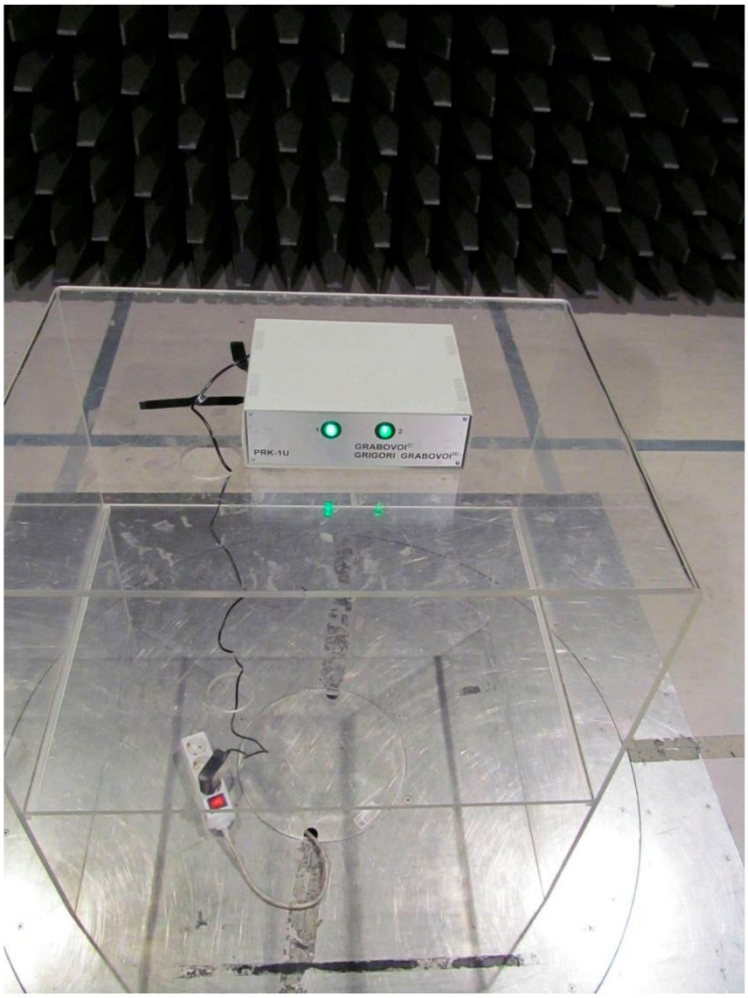
5.1.4. Comments

None.

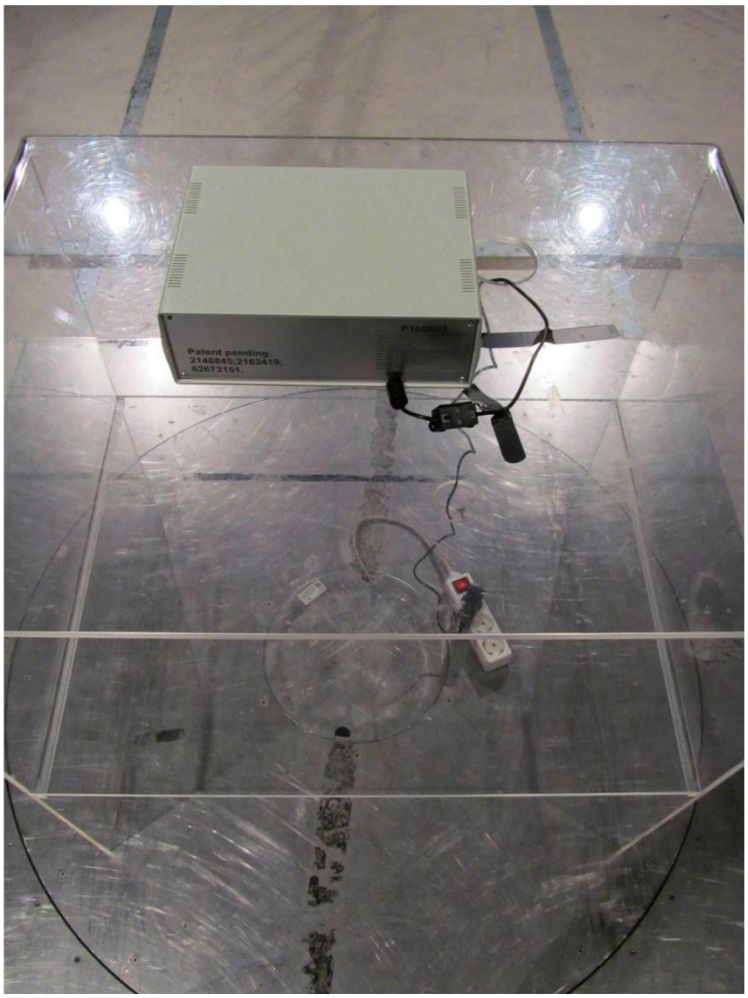
5.2. Radiated RF emissions

Date: 26.07.2018.
Test standard: EN 55022:2010 + AC:2011
Tested by: Milivoje Miletić

5.2.1. Set up:



Setup, front view



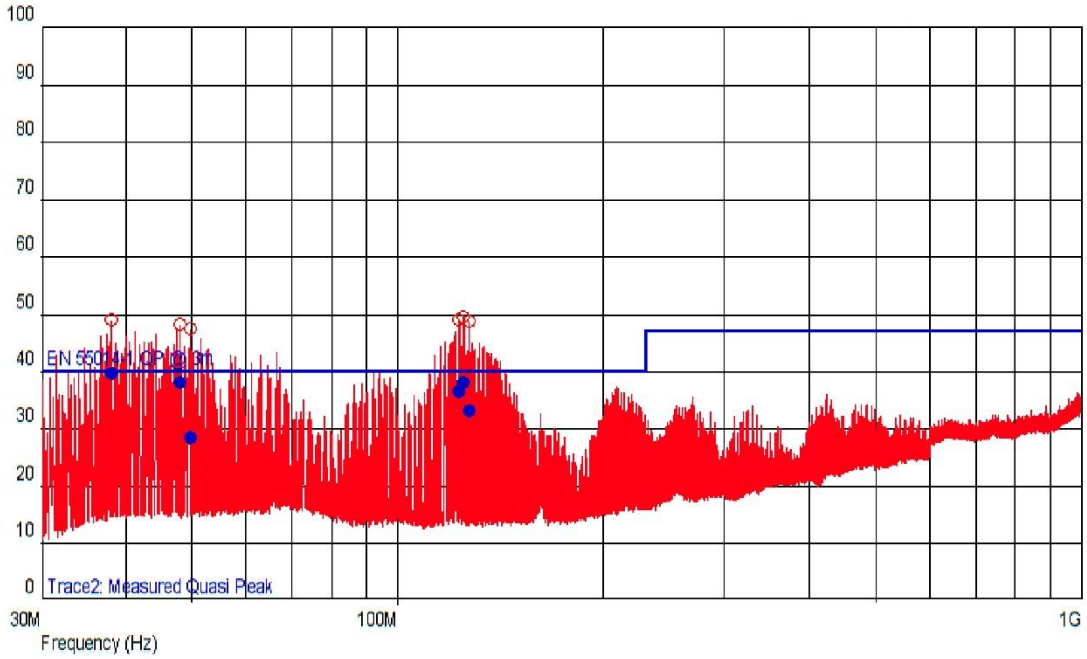
Setup, rear view

Test location: semi-anechoic chamber
EUT to antenna distance: 3 m
EUT operation mode: EMC operation mode

Limits:

Frequency range [MHz]	Quasi-peak limit dB(μV/m)
30 – 230	40
230 – 1000	47

5.2.2. Results:



List of selected disturbances:

Frequency [MHz]	QP level [dBuV/m]	QP limit [dBuV/m]	Margin [dB]	Antenna polarization	Azimuth [deg]	Antenna height [m]
38.000800	39.36	40	-0.64	|	12	1.06
48.040850	37.94	40	-2.06	|	261	1.06
49.719025	28.36	40	-11.64	|	181	3.7
122.599650	36.37	40	-3.63	|	156	1.95
124.599925	37.96	40	-2.04	|	162	1.61
127.319750	32.91	40	-7.09	|	95	2.62

Test result: **PASS**

5.2.3. Deviations

None.

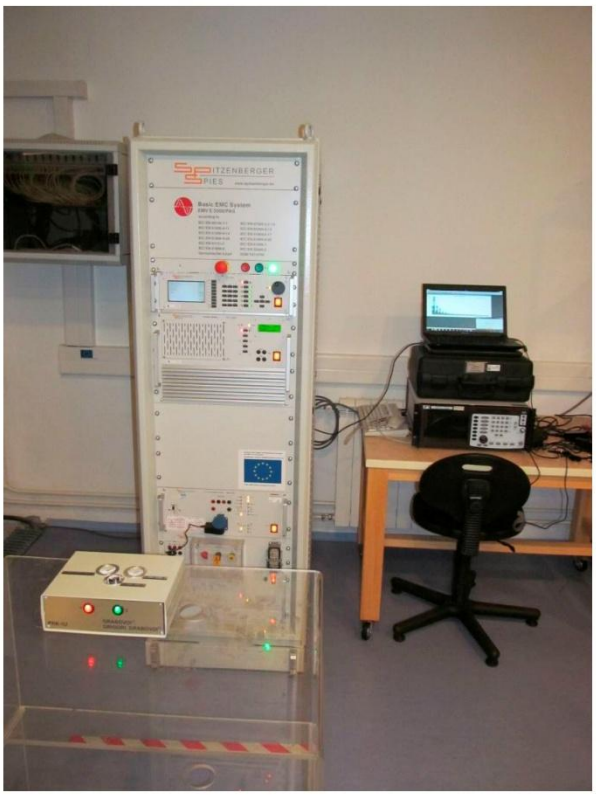
5.2.4. Comments

These test results are valid only with the used ferrite beads described in clause 2.1.

5.3. Harmonics emission test

Date: 19.07.2018.
Test standard: EN 61000-3-2:2014
Tested by: Milivoje Miletić

5.3.1. Set up



Parameter	Equipment setting
Device class	A
Test type	Fluctuating harmonics, 2.5 min
Test voltage	230V, 50 Hz
Time window	200 ms
Operation mode	Third mode of operation

5.3.2. Results

Maximum RMS current and corresponding values in timewindow 65:

Voltage:	230.31 Vrms		THD=0.01 %	THV=0.027 V	POHV=0.009 V	PWHD=0.03 %
Current:	0.048 Arms		THD=514.60 %	THC=0.042 A	POHC=0.012 A	PWHD=1106.32 %
Power:	1.8 W	P1=1.8 W	11.1 VA			
Power factor:	0.165	CosPhi1: 0.978				

HARMONIC ANALYSIS: Test PASS
Tobs = entire measurement; POHC: avg=0.00 A, limits=0.25 A
Iavg=0.042 Arms

Ha	Entire measurement (2.5 min = 750 time windows)							Worst 2.5 min		Average		PASS	FAIL
	Maximum	Window	EN61000-3-2 Class A	Margin in MaxWin	100 to 150%	150 to 200%	Ex-ceeded	100 to 150%	Ex-ceeded	Value	Ex-ceeded		
DC	-0.0048 A	372	-----	---.-	0	0	0	n.e.	n.e.	-0.0013 A	0	X	
1	0.0083 A	453	-----	---.-	0	0	0	n.e.	n.e.	0.0075 A	0	X	
2	0.0068 A	64	1.0800 A	-99.4 %	0	0	0	n.e.	n.e.	0.0045 A	0	X	
3	0.0180 A	86	2.3000 A	-99.2 %	0	0	0	n.e.	n.e.	0.0161 A	0	X	
4	0.0090 A	65	0.4300 A	-97.9 %	0	0	0	n.e.	n.e.	0.0062 A	0	X	
5	0.0164 A	86	1.1400 A	-98.6 %	0	0	0	n.e.	n.e.	0.0148 A	0	X	
6	0.0085 A	58	0.3000 A	-97.2 %	0	0	0	n.e.	n.e.	0.0060 A	0	X	
7	0.0143 A	86	0.7700 A	-98.1 %	0	0	0	n.e.	n.e.	0.0129 A	0	X	
8	0.0079 A	58	0.2300 A	-96.6 %	0	0	0	n.e.	n.e.	0.0057 A	0	X	
9	0.0119 A	93	0.4000 A	-97.0 %	0	0	0	n.e.	n.e.	0.0108 A	0	X	
10	0.0071 A	58	0.1840 A	-96.1 %	0	0	0	n.e.	n.e.	0.0053 A	0	X	
11	0.0095 A	93	0.3300 A	-97.1 %	0	0	0	n.e.	n.e.	0.0086 A	0	X	
12	0.0063 A	51	0.1533 A	-95.9 %	0	0	0	n.e.	n.e.	0.0048 A	0	X	
13	0.0073 A	93	0.2100 A	-96.5 %	0	0	0	n.e.	n.e.	0.0066 A	0	X	
14	0.0057 A	51	0.1314 A	-95.7 %	0	0	0	n.e.	n.e.	0.0044 A	0	X	
15	0.0057 A	86	0.1500 A	-96.2 %	0	0	0	n.e.	n.e.	0.0051 A	0	X	
16	0.0051 A	51	0.1150 A	-95.6 %	0	0	0	n.e.	n.e.	0.0039 A	0	X	
17	0.0050 A	86	0.1324 A	-96.2 %	0	0	0	n.e.	n.e.	0.0043 A	0	X	
18	0.0045 A	72	0.1022 A	-95.6 %	0	0	0	n.e.	n.e.	0.0034 A	0	X	
19	0.0049 A	86	0.1184 A	-95.9 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
20	0.0041 A	72	0.0920 A	-95.5 %	0	0	0	n.e.	n.e.	0.0031 A	0	X	
21	0.0049 A	65	0.1071 A	-95.5 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
22	0.0038 A	72	0.0836 A	-95.4 %	0	0	0	n.e.	n.e.	0.0028 A	0	X	
23	0.0048 A	65	0.0978 A	-95.1 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
24	0.0036 A	72	0.0767 A	-95.3 %	0	0	0	n.e.	n.e.	0.0027 A	0	X	
25	0.0045 A	65	0.0900 A	-94.9 %	0	0	0	n.e.	n.e.	0.0038 A	0	X	
26	0.0034 A	72	0.0708 A	-95.2 %	0	0	0	n.e.	n.e.	0.0026 A	0	X	
27	0.0041 A	35	0.0833 A	-95.0 %	0	0	0	n.e.	n.e.	0.0035 A	0	X	
28	0.0032 A	179	0.0657 A	-95.1 %	0	0	0	n.e.	n.e.	0.0025 A	0	X	
29	0.0037 A	35	0.0776 A	-95.2 %	0	0	0	n.e.	n.e.	0.0032 A	0	X	
30	0.0031 A	179	0.0613 A	-94.9 %	0	0	0	n.e.	n.e.	0.0024 A	0	X	
31	0.0034 A	35	0.0726 A	-95.3 %	0	0	0	n.e.	n.e.	0.0029 A	0	X	
32	0.0029 A	179	0.0575 A	-94.9 %	0	0	0	n.e.	n.e.	0.0023 A	0	X	
33	0.0032 A	35	0.0682 A	-95.3 %	0	0	0	n.e.	n.e.	0.0028 A	0	X	
34	0.0027 A	179	0.0541 A	-94.9 %	0	0	0	n.e.	n.e.	0.0022 A	0	X	
35	0.0030 A	35	0.0643 A	-95.3 %	0	0	0	n.e.	n.e.	0.0027 A	0	X	
36	0.0025 A	179	0.0511 A	-95.1 %	0	0	0	n.e.	n.e.	0.0020 A	0	X	
37	0.0029 A	86	0.0608 A	-95.2 %	0	0	0	n.e.	n.e.	0.0026 A	0	X	
38	0.0024 A	79	0.0484 A	-95.1 %	0	0	0	n.e.	n.e.	0.0019 A	0	X	
39	0.0028 A	35	0.0577 A	-95.1 %	0	0	0	n.e.	n.e.	0.0024 A	0	X	
40	0.0022 A	79	0.0460 A	-95.2 %	0	0	0	n.e.	n.e.	0.0018 A	0	X	

average value < 0.6 % of Iavg or < 5 mA n.e. = not evaluated

Limits: Given in table above and defined in standard EN 61000-3-2:2014.

Test result: **PASS**

5.3.3. Deviations

None.

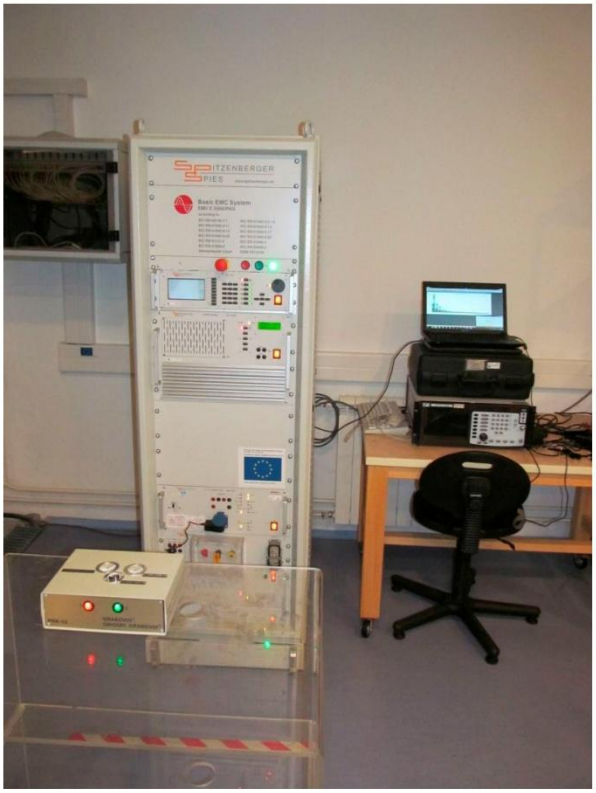
5.3.4. Comments

None.

5.4. Flicker limitations test

Date: 19.07.2018.
Test standard: EN 61000-3-3:2013
Tested by: Milivoje Miletić

5.4.1. Set up



Parameter	Setting
Test voltage	230 V, 50 Hz
Number of observations	1
Observation period	10 min
Operation mode	Third mode of operation

5.4.2. Results

FLICKER: Test PASS!

Time	Pmax	Pst	Sliding Plt	d(t)>3.30% [s]	dmax [%]	dc [%]	PASS	FAIL
12:05:28	0.001	0.0210	-.----	0.000	+0.000	-.---	X	
Limits:		1.000	0.650	0.500	4.000	3.300		
Plt: 0.009173 (calculated over 12 periods)							X	
Evaluated: PST, PLT, Sliding PLT, dc, dmax, d(t)								

FLICKER: Source test PASS!

Time	Pmax	Pst	Sliding Plt	d(t)>3.30% [s]	dmax [%]	dc [%]	PASS	FAIL
12:05:28	0.000	0.0040	-.----	0.000	+0.000	-.---	X	
Plt: 0.001747 (calculated over 12 periods)								
Evaluated: PST <= 0.4 dmax < 20 % dmax1								

Limits: Given in table above and defined in standard EN 61000-3-3:2013.

Test result: **PASS**

5.4.3. Deviations

None.

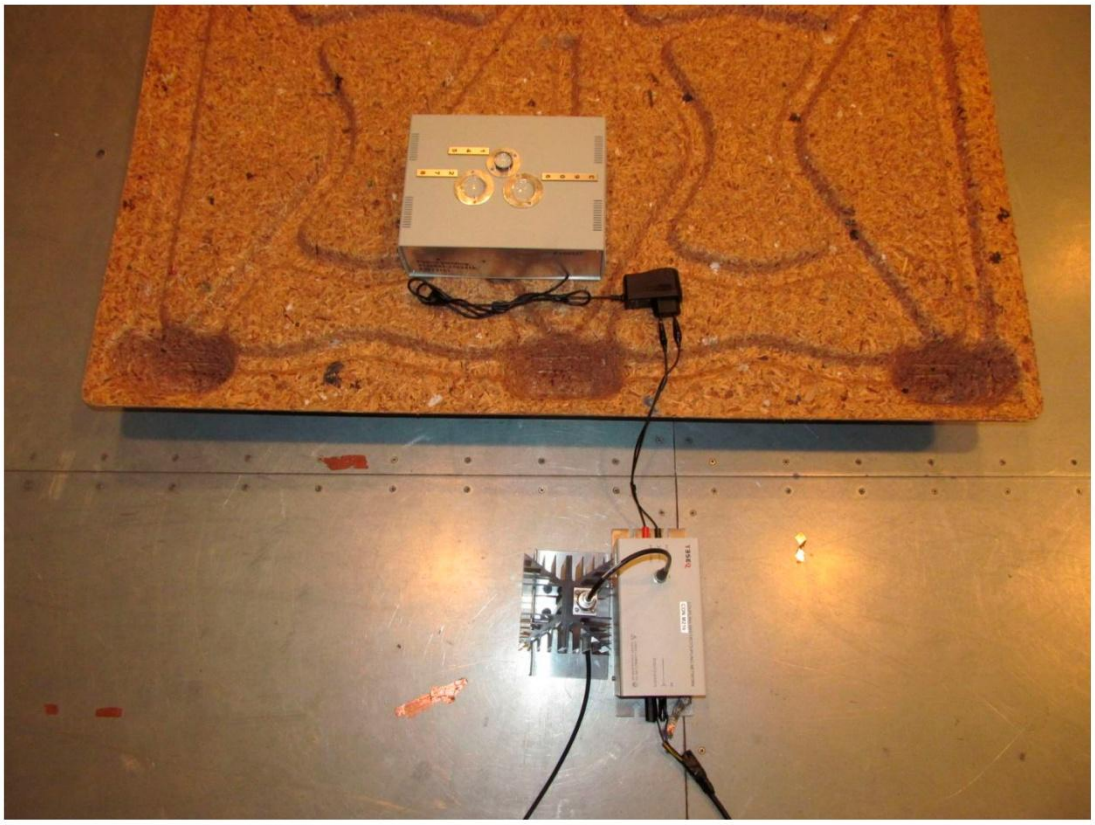
5.4.4. Comments

None.

5.5. Immunity to conducted RF disturbances

Date:	24.07.2018.
Test standard:	EN 61000-4-6:2014
Tested by:	Milivoje Miletić

5.5.1. Set up



Frequency range:	150 kHz – 80 MHz
Test level:	3 V
Modulation:	80 % AM, 1 kHz sine wave carrier
Frequency step:	1 % with dwell time 1 s
Injection ports:	AC power port (CDN M216)
EUT operation mode:	Third mode of operation

5.5.2. Results

A - During and after the test the EUT operated correctly and no changes were recorded in EUT behaviour.

Required performance criterion: A Test result: **PASS**

5.5.3. Deviations

None.

5.5.4. Comments

None.

5.6. Immunity to radiated RF field

Date: 19.07.2018.
Test standard: EN 61000-4-3: 2006 + A1:2008 + A2:2010
Tested by: Milivoje Miletić

5.6.1. Set up

Frequency range: 80 MHz – 1 GHz
Frequency step: 1 %
Dwell time: 1 s
Level: 3 V/m
Polarization: HOR and VER
Modulation: 80 % AM; 1 kHz sine wave carrier
UFA: 1.5 x 1.5 m at 0.8 m height at 2.3 m distance from antenna
EUT operation mode: Third mode of operation

5.6.2. Results

3 V/m	80 MHz – 1 GHz HOR	80 MHz – 1 GHz VER
Front	A	A
Rear	A	A
Left	A	A
Right	A	A

A - During and after the test EUT operated correctly and no changes were recorded in EUT behaviour.

Required performance criterion: A Test result: **PASS**

5.6.3. Deviations

None.

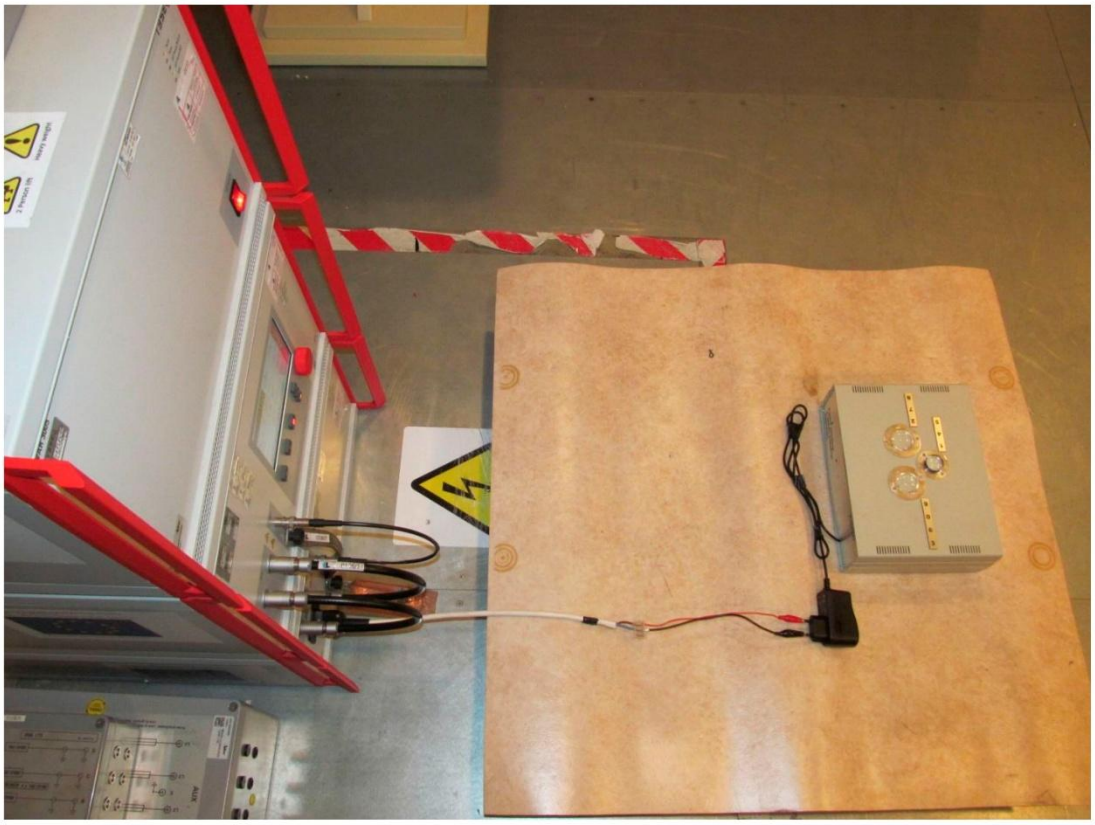
5.6.4. Comments

None.

5.7. EFT/Burst immunity test

Date:	14.07.2018.
Test standard:	EN 61000-4-4:2012
Tested by:	Milivoje Miletić

5.7.1. Set up



Level:	±1 kV
Duration:	120 s per polarity
Coupling:	Coupling/Decoupling network
Port:	AC mains port
Frequency:	5 kHz
Burst time:	75 spikes
Repetition time:	300 ms
EUT operation mode:	Third mode of operation

5.7.2. Results

Port	Test level [kV]	Required performance criterion	Result	Comments
AC power port	±1	B	A	During and after the test EUT operated correctly and no changes were recorded in EUT behaviour.

Required performance criterion: B

Test result: **PASS**

5.7.3. Deviations

None.

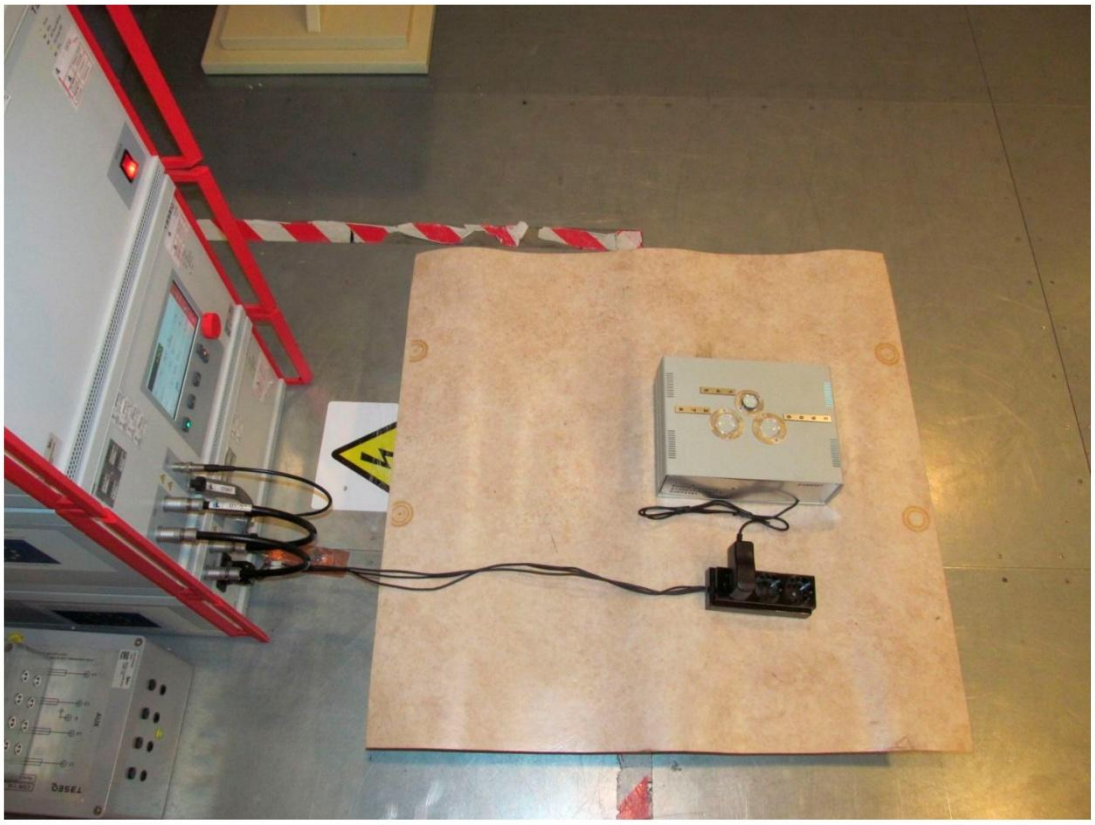
5.7.4. Comments

None.

5.8. Immunity to surge

Date: 26.07.2018.
Test standard: EN 61000-4-5:2014
Tested by: Milivoje Miletić

5.8.1. Set up



Port under test: AC mains port
AC power port voltage: 230 V, 50 Hz

Test level: ±1 kV (peak) Line-to-line, differential mode
Generator impedance: 2 Ω

Pulse shape: 1.2/50 (8/20) μs
Number of pulses: 5 POS and 5 NEG
Pause: 60 s
Synchronization angle: 90˚ for positive, 270˚ for negative pulses
EUT operation mode: Third mode of operation

5.8.2. Results

A - During and after the test the EUT operated correctly and no changes were recorded in EUT behaviour.

Required performance criterion: B Test result: **PASS**

5.8.3. Deviations

None.

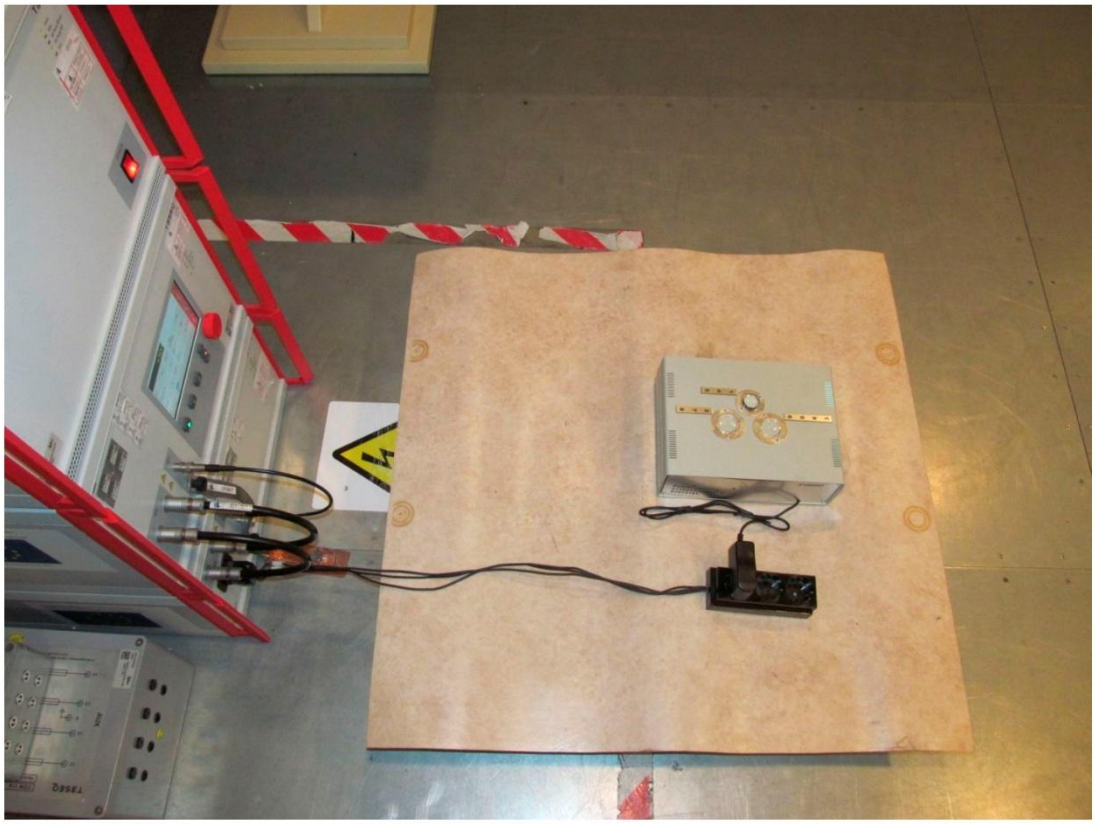
5.8.4. Comments

None.

5.9. Dips and short interruptions immunity test

Date: 26.07.2018.
Test standard: EN 61000-4-11:2004
Tested by: Milivoje Miletić

5.9.1. Set up



EUT operation mode: Third mode of operation
Changes to occur at: 0 degree crossover point of the voltage waveform.

5.9.2. Results

Test	Repetition time [s]	Test duration [trials]	T-event [cycles]	Voltage dip to [%]	Required performance criterion	Result	Comments
Voltage dips and short interruptions	10	3	0.5	0	C	A	No changes in the EUT's performance observed.
	10	3	10	40	C	A	No changes in the EUT's performance observed.
	10	3	25	70	C	A	No changes in the EUT's performance observed.

Required performance criterion: C

Test result: **PASS**

5.9.3. Deviations

None.

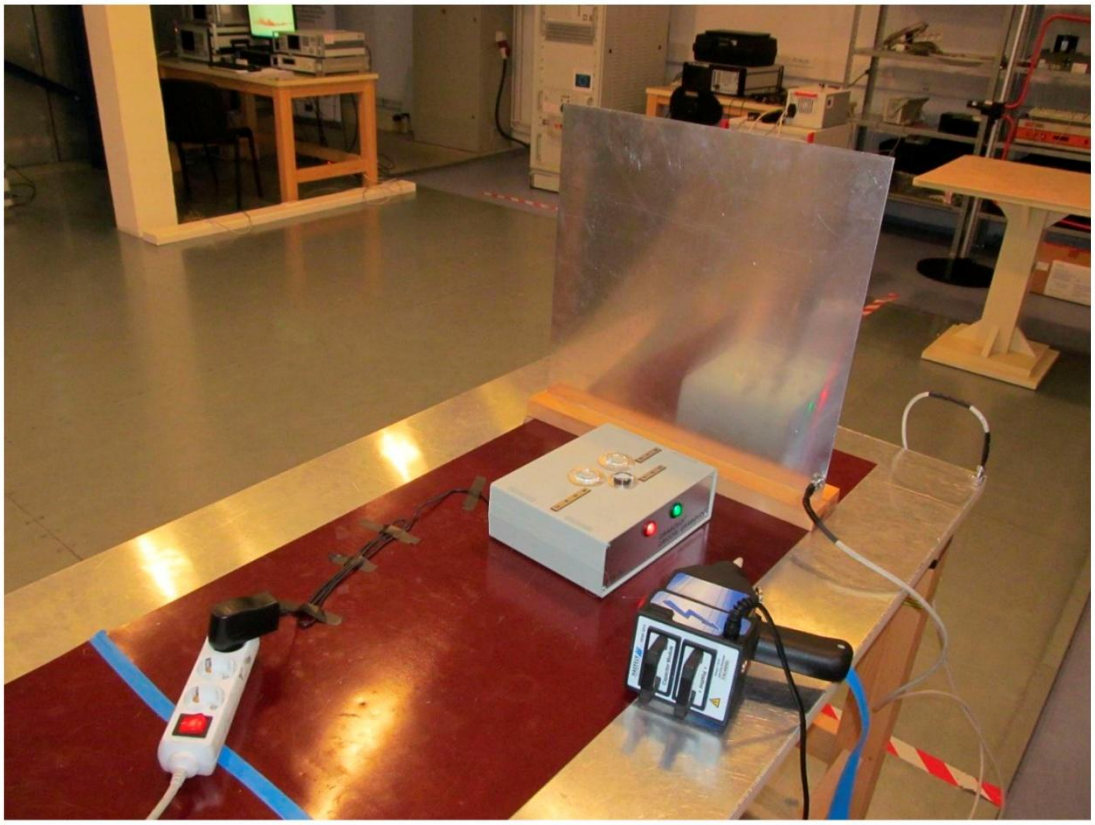
5.9.4. Comments

None.

5.10. Immunity to ESD

Date: 24.07.2018.
Test standard: EN 61000-4-2:2009
Tested by: Milivoje Miletić

5.10.1. Set up



EUT operation mode: Third mode of operation

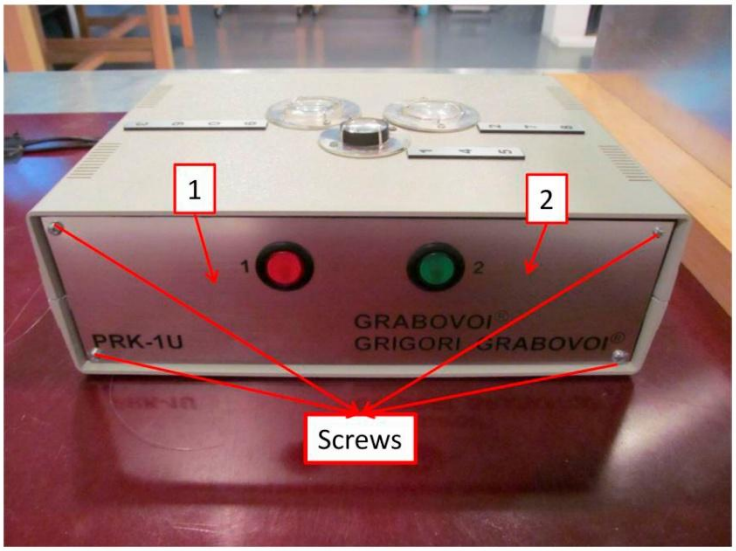
Environment conditions:

Temperature: 21.3 °C
Relative humidity: 42.1 % RH
Atmospheric pressure: 993 hPa

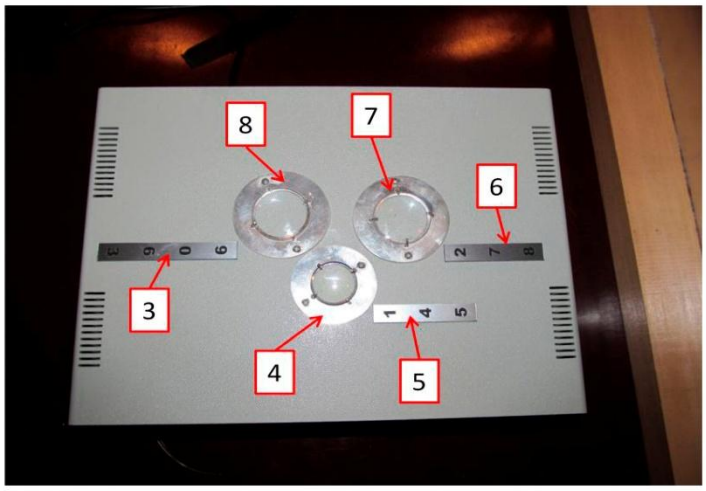
5.10.2. Results

Discharge type – Contact discharge *(A, B, C, D – performance criteria, X – not tested)*			
Test level [kV] / **Place of discharge**	**+4**	**-4**	**Notes**
HCP	A	A	No deviations observed.
VCP	A	A	No deviations observed.
Screws	A	A	No deviations observed.
Metallic parts of the housing (discharge points 1~2, 9~10)	A	A	No deviations observed.
Metallic plates (discharge points 3~8)	A	A	No deviations observed.

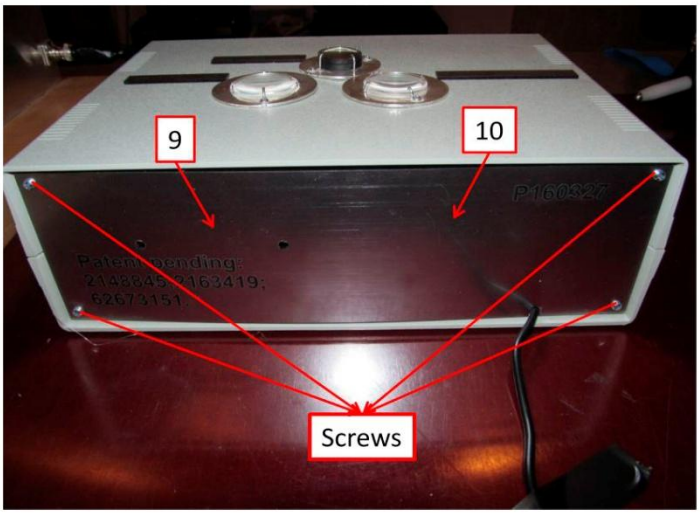
Discharge type – Air discharge *(A, B, C, D – performance criteria, X – not tested)*							
Test level [kV] / **Place of discharge**	**+2**	**-2**	**+4**	**-4**	**+8**	**-8**	**Notes**
Housing	A	A	A	A	A	A	No discharge. No deviations observed.
Buttons	A	A	A	A	A	A	No discharge. No deviations observed.
Vents	A	A	A	A	A	A	No discharge. No deviations observed.
AC/DC adapter housing	A	A	A	A	A	A	No discharge. No deviations observed.



Discharge points 1~2



Discharge points 3~8



Discharge points 9~10

Required performance criterion: B

Test result: **PASS**

5.10.3. Deviations

None.

5.10.4. Comments

None.

6. Measurement equipment data

The following test equipment is used for tests:

Type	Manufacturer	Model	Ser.No.	IN number	USED IN TEST/-S Reported in the Clause/-s:
ESD gun set	Haefely	PESD3010	H707203	L-0052	5.10
Power supply/ Amplifier/ Control unit/ Analyser Reference System	Spitzenberger&Spies	EMV E 5000/PAS1	A 4979 02/0 1112	0100-0104	5.3, 5.4
CDN	Teseq	CDN 3061-C16	1422	0105	5.7, 5.8, 5.9
Conducted immunity generator	Teseq	NSG3060	1497	0106	5.7, 5.8, 5.9
dual variac	Teseq	VAR 3005-D16	1999	0110	5.9
Antenna	Teseq	CBL6144	35349	0115	5.2, 5.6
power meter	Teseq	PMU6006	73368	0123	5.6
Field strength sensor	Narda (PMM)	EP601	501WX2045 6	0124	5.6
software	Teseq	Compliance 5 E/I v5.26.4	517-2881623-74 and 517-2846725-70	0125	5.1, 5.2, 5.5, 5.6
Compact immunity test system	Teseq	NSG4070-75	35059	0126	5.5
attenuator	Teseq	ATN6075	33644	0127	5.5
V-network 4-line	Teseq	NNB52	27384	0134	5.1
ISN	Teseq	ISN T8	30901	0136	5.1
EMI receiver	Schaffner	SMR4503	81	0138	5.1, 5.2
Environmental monitor	Kimo	AQ200	12115072	0144	all
HCP					5.10
VCP					5.10
Semi anechoic chamber + antenna mast + controller	Comtest	3m		0305 + 306+ 307	5.2, 5.6
FU absorbers + ferrite tiles	DMAS HT45 + Comtest CAT-6			0308 + 309	5.6
CDN	Teseq	CDN M316S	33964	0128-2	5.5
Amplifier	Teseq	CBA 1G-150	T44175	0116	5.6
Amplifier	Teseq	CBA 3G-012	T44176	0117	5.6
Directional coupler	Bonn	BDC 0810-40/500	129058-02	0121	5.6
Directional coupler	Bonn	BDC 0842-40/200	129058-01	0122	5.6

7. Measurement uncertainty

For test 5.1: $U_{LAB} = U_{CISPR}$ = 3.4 dB - expanded uncertainty of measurement, expressed as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for normal distribution corresponds to a coverage probability of approximately 95 %. Measurement uncertainty calculation is carried out according to EN 55016-4-2:2011 + A1:2014.

For test 5.2: 4.9 dB (HOR 30 MHz – 300 MHz), 5 dB (VER 30 MHz – 300 MHz), 5.2 dB (HOR and VER 300 MHz – 2700 MHz) - Expanded uncertainty of measurement, expressed as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for normal distribution corresponds to a coverage probability of approximately 95 %. Measurement uncertainty is according to EN 55016-4-2:2004.

For test 5.3: 2,8654% - expanded uncertainty of measurement, expressed as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for normal distribution corresponds to a coverage probability of approximately 95 %.

For test 5.4: 2.87 % (d), 4.23 % (Pst) - expanded uncertainty of measurement, expressed as the standard uncertainty of measurement multiplied by the coverage factor k = 2, which for normal distribution corresponds to a coverage probability of approximately 95 %.

For immunity tests (5.5 - 5.10) used test equipment has been demonstrated during calibration to comply with the requirements of test standards having the calibration uncertainty taken into account.

8. General remarks

Date format is dd.mm.yyyy.

Decimal mark is indicated by dot (.) within the report.

9. Appendixes

None.

END OF THE REPORT

Idvorski laboratorije d.o.o. Beograd
Volgina 15, 11060 Beograd

www.idvorsky.com
office@idvorsky.com
tel: +381 11 6776329

Idvorski laboratorije

IZVEŠTAJ SA EMC ISPITIVANJA broj	**496-1**
Datum izveštaja:	17.08.2018.
Datum ispitivanja:	19. – 26.07.2018.
Broj posla:	496

ATC
01-404
АКРЕДИТОВАНА ЛАБОРАТОРИЈА ЗА ИСПИТИВАЊЕ
SRPS ISO/IEC 17025:2006

Naručilac:	**Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT,** Kneza Mihaila 21A lok 113 TC Milenijum, 11102 Beograd, Srbija
Proizvođač:	**Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT,** Kneza Mihaila 21A lok 113 TC Milenijum, 11102 Beograd, Srbija
Proizvod (EUT):	Uređaj za razvoj koncentracija večnog života PRK-1U tri-mod
Model/ser.broj:	**PRK-1U tri-mod** ser. broj: P160327 (prvi uzorak) ser. broj: P160823 (drugi uzorak)

Nalaz ispitivanja: (samo za metode i kriterijume iz tačke 4. ovog izveštaja)	**ZADOVOLJAVA**

Napomene:

Nema.

Ispitivanja sproveo:

LAB inženjer Andrijana Lazić

LAB inženjer Milivoje Miletić

Verifikovao:

LAB inženjer Andrijana Lazić

m.p.

Odobrio:

Tehnički rukovodilac Saša Jorgovanović

Ispitivanje i rezultati ispitivanja elektromagnetske kompatibilnosti (EMC) su važeći samo za ispitivani uzorak proizvoda (EUT).

1.SADRŽAJ

2. Identifikacija proizvoda

2.1. Podaci

Opis uređaja: Razvoj koncentracija koje osiguravaju večni život svima sprovodi se posredstvom usmerenja pažnje na prijemnik generisanog biosignala i kontrole rezultata koncentracije. U psihologiji je poznato da što se bolje sprovodi koncentracija, utoliko se brže dostiže cilj, optimizuju se događaji. U uređaju polja koja nastaju generisnjem biosignala, elektromagnetna polja daju upravljanje za ostvarenje cilja koncentracija prema tom psihološkom faktoru po zakonu dejstva sveopštih veza. Uređaj razvija koncentraciju stvaralačkog upravljanja.

Uređaj je napravljen na osnovu dva patentirana izuma Grigori Grabovoia: „Sposobnost sprečavanja katastrofa i uređaj za njegovo ostvarenje“ i „Sistem prenosa informacija“.

U patentu „Sistem prenosa informacija“ zapisano je da, prema teoriji talasne sinteze, generisno zračenje misli može imati istovremeno dva kvantna stanja. Jedno od tih stanja se javlja na senzornom elementu predajnika signala, a drugo na prijemniku signala. To omogućava stvaranje uređaja koji osigurava večni život sa dejstvom s mišljenjem. U patentiranom izumu Grigori Grabovoia zapisano je da čovek-operater generiše informaciju u vidu zračenja misli. Tokom primene urđaja PRK-1U čovek koncentriše zračenje stvaralačke misli na sočiva koja se nalaza na gornjoj površini uređaja.

Tehnički podaci:

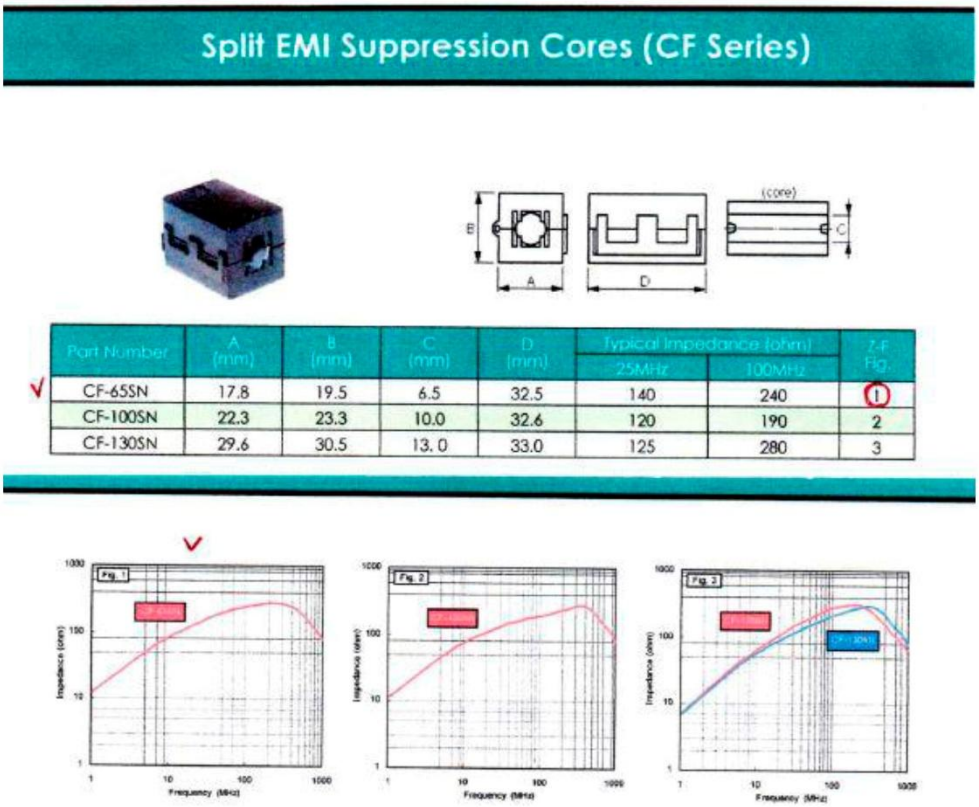
- Ulazni napon: 100-240 V, 50 Hz / 60 Hz, 0,45 A max
- Potrošnja: ne više od 12 W
- Dimenzije: 250 mm x 190 mm x 80 mm
- Težina: 1 kg

Napomena: ne smatra se da je EUT medicinski uređaj.

Napomena: dostavljena su dva uzorka. Prema zahtevu naručilaca, na **prvom uzorku** (ser. broj: **P160327**) se rade sva ispitivanja sem radijacione emisije. Na drugom uzorku (ser. broj: **P160823**), koji sadrži dodate ferite (detalji dati ispod), radi se samo ispitivanje radijacione emisije. Četri ferita stavljeni su unutar uređaja (sa trostrukim navojem), jedan je postavljen na kabl za napajanje AC/DC adaptera uz već postojeći ferit koji dolazi uz AC/DC adapter (koji je skinut kod prvog uzorka). Takođe postoji razlika i u dužini napojnih kablova kod dva uzorka. Kod prvog, dužina kabla od AC/DC adaptera do uređaja iznosi 1 m, kod drugog 1,2 m.

Podaci od AC/DC adapteru

Proizvođač:	SHENZEN JINHUASHENG POWER TECHNOLOGY CO. LTD.
Model:	RS-AB1000
Zemlja porekla:	Kina

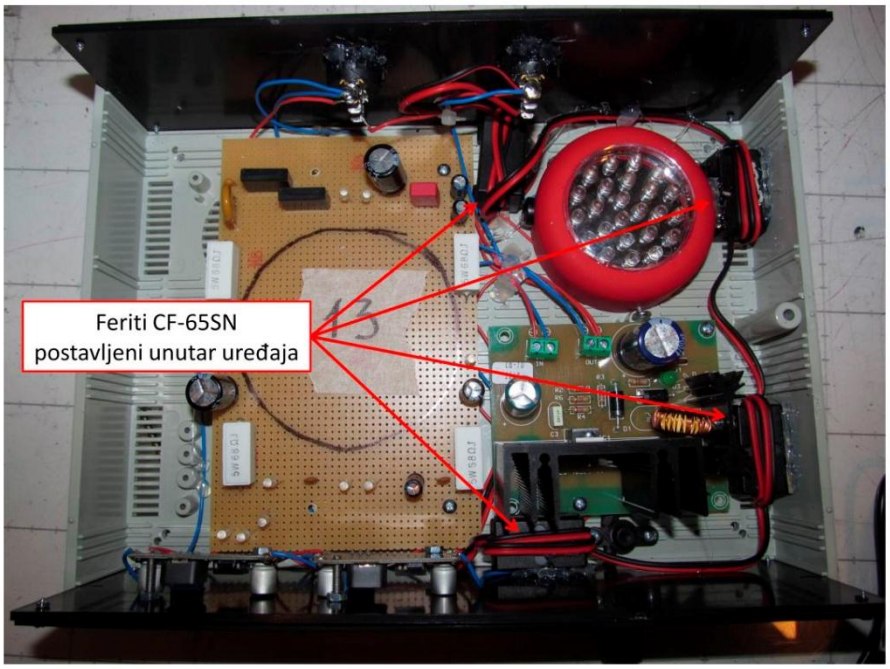


Split EMI Suppression Cores (CF Series)

Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Typical Impedance (ohm) 25MHz	Typical Impedance (ohm) 100MHz	Z-F Fig.
CF-65SN	17.8	19.5	6.5	32.5	140	240	1
CF-100SN	22.3	23.3	10.0	32.6	120	190	2
CF-130SN	29.6	30.5	13. 0	33.0	125	280	3

Opis dodatih ferita na drugi uzorak (crvenim markerom obeležen je model koji je korišćen)

Proizvođač ferita: Crown Ferrite Enterprise Co., 17, Alley 14, Lane 165, Kang-Ning Rd., Sec. 3, Nei-Hu District Taipei, Taiwan


Feriti CF-65SN
postavljeni unutar uređaja


Ferit CF-65SN (dvostruki navoj)
Ferit AC/DC adaptera

2.2. Fotografije/šeme

EUT (prvi uzorak), prednja strana

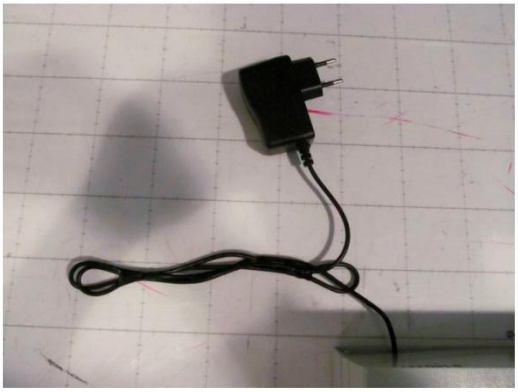
EUT (prvi uzorak), gornja strana

EUT (prvi uzorak), desna strana

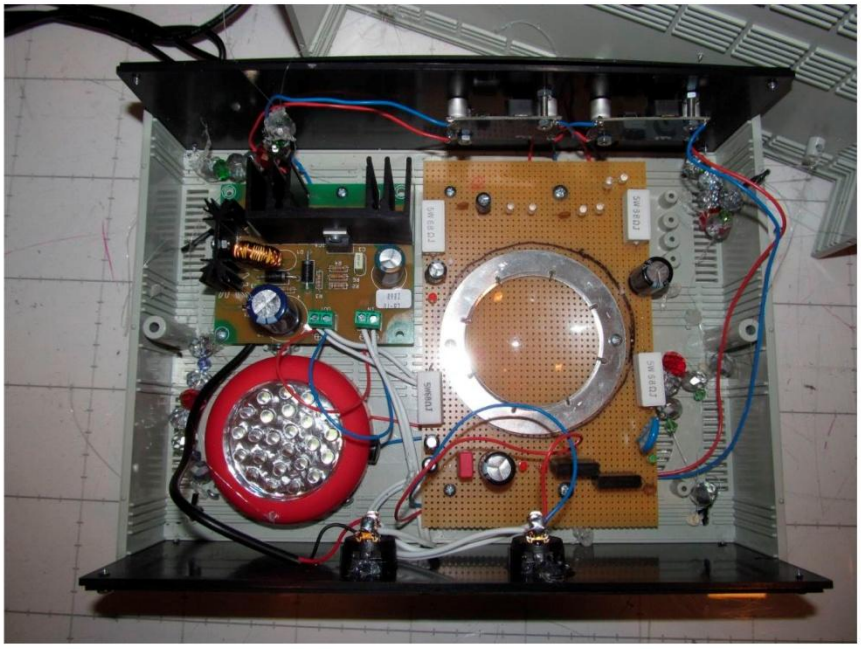
EUT (prvi uzorak), leva strana

EUT (prvi uzorak), zadnja strana

EUT (prvi uzorak), donja strana

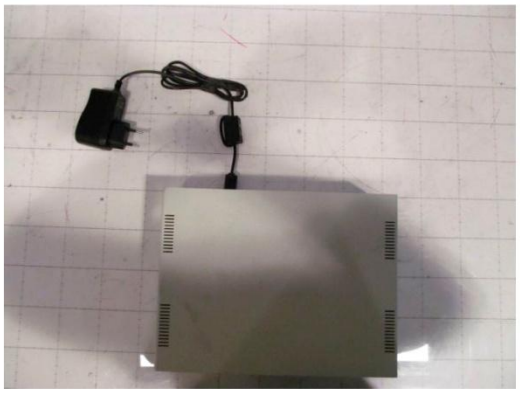


AC/DC adapter (prvi uzorak)



EUT (prvi uzorak), unutra

EUT (drugi uzorak), prednja strana

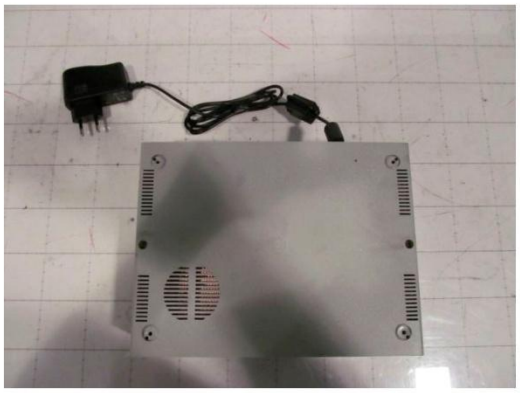


EUT (drugi uzorak), gornja strana

EUT (drugi uzorak), desna strana

EUT (drugi uzorak), leva strana

EUT (drugi uzorak), zadnja strana



EUT (drugi uzorak), donja strana

AC/DC adapter (drugi uzorak)

EUT (drugi uzorak), unutra

2.3. Modovi/režimi rada

Režim rada	Opis režima rada
Treći režim	Uređaj je priključen na gradsku distributivnu mrežu (230 V, 50 Hz) i uključi se pritiskom na taster 1. EUT je sada u prvom režimu rada, što je neka vrsta standby režima. Pritiskom na taster 2 uključi se LED svetiljka. Ovo je drugi režim rada. Uređaj se u treći režim rada pušta tako što se uređaj isključi na taster 1, dok je taster 2 ostao u položaju za uključivanje drugog režima, a zatim se tasterom 1 uređaj ponovo uključi. LED svetiljka daje sada pulsirajuće svetlo. Uređaj je sada u trećem režimu rada.

2.4. Pomoćna oprema

Nema.

2.5. Kriterijumi i performanse

2.5.1.Kriterijumi za emisiju

Kondukciona RF emisija od 150 kHz – 30 MHz: Zahtevane granice su prema zahtevu klijenta i u skladu sa tabelom 1, klauzule 4.1.1.3, standarda SRPS EN 55014-1:2010+A1:2010+A2:2012.

Radijaciona RF emisija od 30 MHz – 1 GHz: Zahtevane granice su prema zahtevu klijenta i u skladu sa tabelom 4, klauzule 4.1.3, standarda SRPS EN 55014-1:2010+A1:2010+A2:2012.

Ispitivanje emisije harmonika struje: Zahtevane granice su prema zahtevu klijenta i u skladu sa tabelom 1 za opremu klase A iz aneksa A standarda SRPS EN 61000-3-2:2014.

Ispitivanje generisanja flikera: Zahtevane granice su prema zahtevu klijenta i u skladu sa tačkom 5 standarda SRPS EN 61000-3-3:2014.

2.5.2.Kriterijumi za imunost

	Kriterijumi prihvatanja za ispitivanje imunosti: *Kriterijum A - U toku ispitivanja uređaj mora da nastavi da radi kao što je predviđeno. Kada se uređaj koristi kao što je predviđeno, nije dozvoljeno da dođe do pogoršanja performanse ili gubitka funkcije (ili dozvoljenog pogoršanja performanse) ispod nivoa koji je njegov proizvođač specificirao. Ako proizvođač nije specificirao najmanji nivo ili dozvoljeni gubitak performanse, tada bilo koja od ovih karakteristika može da bude izvedena iz opisa proizvoda i dokumentacije, kao i iz onoga što korisnik može realno da očekuje od uređaja ako se koriste kao što je predviđeno.* *Kriterijum B - Nakon ispitivanja uređaj mora da nastavi da radi kao što je predviđeno. Kada se uređaj koristi kao što je predviđeno, nije dozvoljeno da dođe do pogoršanja performanse ili gubitka funkcije (ili dozvoljenog pogoršanja performanse) ispod nivoa koji je njegov proizvođač specificirao. Međutim, u toku ispitivanja dozvoljeno je pogoršanje performanse, ali nije dozvoljena nikakva promena stvarnog radnog stanja ili uskladištenih podataka. Ako proizvođač nije specificirao najmanji nivo ili dozvoljeni gubitak performanse, tada bilo koja od ovih karakteristika može da bude izvedena iz opisa proizvoda i dokumentacije, kao i iz onoga što korisnik može realno da očekuje od uređaja ako se koriste kao što je predviđeno.* *Kriterijum C - Dozvoljen je privremeni gubitak funkcije, pod uslovom da se funkcija može sama ponovo uspostaviti ili se može ponovo uspostaviti pomoću komandi ili bilo kojom drugom operacijom specificiranom u uputstvu za upotrebu.*

Kriterijum	Opis performasi normalnog režima rada ili poremećaja	Mod rada
A	Smetnje ne smeju uticati na rad uređaja ni na koji način. Nije dozvoljen restart, promena režima rada ili promena intenziteta ili učestanosti ponavljanja pulsirajuće svetlosti, što se neprestano vizualno prati.	**Treći režim**
B	Smetnje ne smeju izazvati restart uređaja ili da izazovu promenu režima rada, ali smeju privremeno (reda par sekundi) da utiču na rad uređaja, npr. promenom intenziteta ili učestanosti ponavljanja pulsirajuće svetlosti. Nije dozvoljena intervencija čoveka da otkloni bilo kakve trajne posledice koje su smetnje eventualno izazvale.	**Treći režim**
C	Smetnje smeju da izazovu restart, promene režim rada uređaja, ili utiču na njegov rad na bilo koji način pod uslovom da, ukoliko ima trajnih posledica, se mogu otkloniti intervencijom čoveka.	**Treći režim**

2.6. Napomene o proizvodu
Nema.

3. Uslovi ispitivanja

Temperatura:	20,5 - 23,7 °C
Relativna vlažnost vazduha:	42 – 49,8 %
Atmosferski pritisak:	989 - 995 hPa

4. Metode ispitivanja i skraćeni prikaz rezultata

Uređaj se ispituje u laboratoriji.
Uređaj se ispituje kao oprema koja stoji na stolu.
Uređaj se ispituje kao oprema kategorije II iz tačke 7.2.2 standarda SRPS EN 55014-2:2015.

Prema kriterijumima navedenim u tački 2.5 ovog izveštaja i test planu po zahtevu naručioca:

METODA / STANDARD	PORT	TEST NIVO (STANDARD)	MOD RADA	ZAHTEVANI KRITERIJUM	REZULTAT
Ispitivanje kondukcione emisije SRPS EN 55014-1: 2010 + A1:2010 +A2:2012	AC napojni port	**SRPS EN 55014-1: 2010 + A1:2010 +A2:2012 Tabela 1, tačka 4.1.1.3** 150 kHz – 30 MHz Primena LISN-a	Treći režim	/	**ZADOVOLJAVA**
Ispitivanje radijacione emisije Referenciran SRPS EN 55022:2010 Primenjen SRPS EN 55022:2011+AC:2012(1)	Kućište	**SRPS EN 55014-1: 2010 + A1:2010 +A2:2012 Tabela 3, tačka 4.1.3** 30 MHz – 1 GHz Merenje smetnji sa rastojanja od 3 m u SAC	Treći režim	/	**ZADOVOLJAVA**
Ispitivanje emisije harmonika struje SRPS EN 61000-3-2:2014	AC napojni port	**SRPS EN 61000-3-2:2014 Klasa A, tabela 1** Tip testa: fluctuating harmonics 2,5 min Napon: 230 V, 50 Hz Time window: 200 ms	Treći režim	/	**ZADOVOLJAVA**
Ispitivanje generisanje flikera SRPS EN 61000-3-3:2014	AC napojni port	**SRPS EN 61000-3-3:2014 Klasa 5** Napon: 230 V, 50 Hz Period posmatranja: 10 min Broj posmatranja: 1	Treći režim	/	**ZADOVOLJAVA**
Ispitivanje imunosti na kondukcione RF smetnje SRPS EN 61000-4-6: 2014	AC napojni port	**SRPS EN 55014-2: 2015 Tačka 5.3** 3 V, AM 80 %, 1 kHz 1 s dwell time Primena smetnji preko CDN M216	Treći režim	A	**ZADOVOLJAVA**
Ispitivanje imunosti na radijaciono RF polje SRPS EN 61000-4-3:2008+A1:2009+A2:2012	Kućište	**SRPS EN 55014-2:2015 Tačka 5.5** 3 V/m, AM 80 %, 1 kHz 1 s dwell time 80 MHz – 1000 MHz Testirano u SAC UFA: 1,5 m x 1,5 m, 2,3 m od antene	Treći režim	A	**ZADOVOLJAVA**

Ispitivanje imunosti na povorke brzih impulsa (EFT-B) SRPS EN 61000-4-4:2013	AC napojni port	**SRPS EN 55014-2:2015** **Tačka 5.2** Testirano u laboratoriji CDN, zajednički mod ±1 kV (peak), 5/50 Tr/Th ns, Repetition frequency: 5 kHz Trajanje:120 s po polaritetu	Treći režim	B	**ZADOVOLJAVA**
Ispitivanje imunosti na prenaponske impulse SRPS EN 61000-4-5:2014	AC napojni port	**SRPS EN 55014-2:2015** **Tačka 5.6** 1,2/50 (8/20) Tr/Th µS ±1 kV phase line to neutral line 5 positive and 5 negative pulses Pause: 60 s Generator impedance: 2 Ω Phase angle: 90 deg for positive, 270 deg for negative pulses Impulsi se primenju preko CDN-a	Treći režim	B	**ZADOVOLJAVA**
Ispitivanje imunosti na elektrostatičko pražnjenje (ESD) SRPS EN 61000-4-2:2009	Kućište	**SRPS EN 55014-2:2015** **Tačka 5.1** Oprema koja stoji na stolu 4 kV (Kontaktno pražnjenje) no HCP, VCP, šrafovi, metalni delovi kućišta, metalne pločice 8 kV (Vazdušno pražnjenje) tasteri, plastično kućište, ventilacioni otvori, ac/dc adapter No post-installation test	Treći režim	B	**ZADOVOLJAVA**
Ispitivanje imunosti na propade i prekide napona SRPS EN 61000-4-11:2008	AC napojni port	**SRPS EN 55014-2:2015** **Tačka 5.7** Napajanje: 230 V, 50 Hz Changes of supply voltage occur at zero crossings of the voltage Broj primena: 3 Pauza između primena: 10 s Propad napona na: 70%/40%/0% za 25/10/0.5 perioda	Treći režim	C	**ZADOVOLJAVA**

(1) Referencirana test metoda prema SRPS EN 55014-1:2010+A1:2010+A2:2012 u prilogu ZA. Laboratorija primenjuje standard koji u sklopu obima akreditacije, a dva standarda su prethodno upoređena i utvrđeno je da ne postoji značajna razlika koja se odnosi na testove.

5. Rezultati ispitivanja

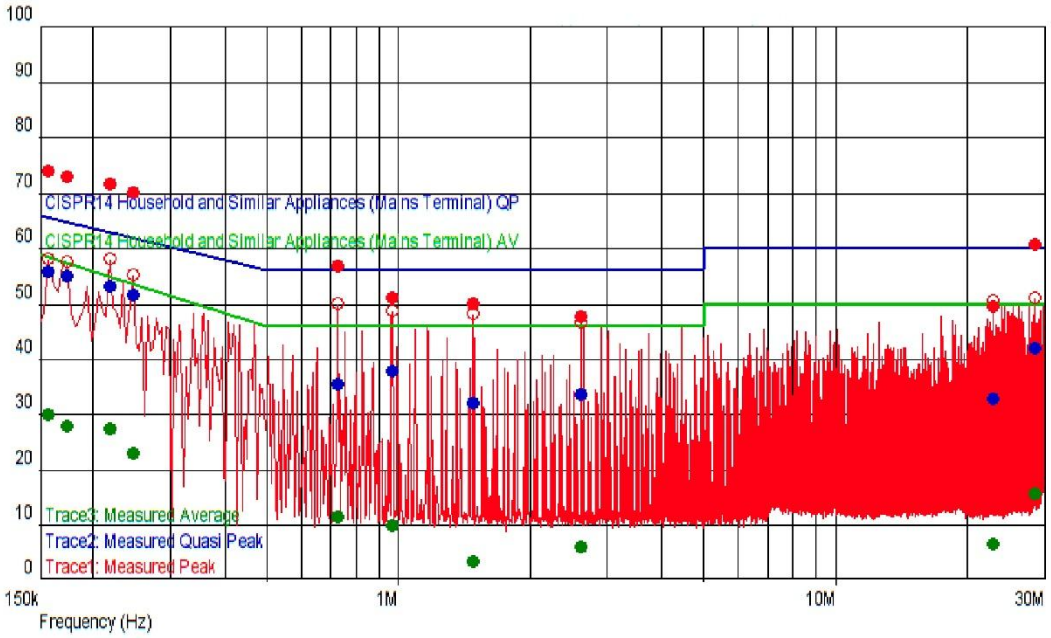
5.1. Ispitivanje kondukcione emisije

Datum: 19.07.2018.
Test standard: SRPS EN 55014-1:2010 + A1:2010 +A2:2012
Testirala: Andrijana Lazić

5.1.1. Setup (ispitna postavka)

Port koji se ispituje:	AC napojni port
Napon AC napojnog porta:	223 V, 50 Hz
Opseg učestanosti:	150 kHz – 30 MHz
Prescan dwell time:	10 ms
Prescan detektor:	Peak
Korak po učestanosti:	4 kHz
Trajanje finalnog merenja:	15 s
EUT mod rada:	Treći režim

5.1.2.Rezultati



f [MHz]	Pk level [dBuV]	QP level [dBuV]	QP limit [dBuV]	QP margin [dB]	Av level [dBuV]	Av limit [dBuV]	Av margin [dB]	LINE
0,158	73,825	55,54	65,568	-10,03	29,765	58,439	-28,674	N
0,174	72,768	54,78	64,767	-9,99	27,848	57,397	-29,549	L1
0,218	71,444	52,9	62,895	-9,99	27,114	54,963	-27,849	L1
0,246	69,809	51,55	61,891	-10,34	22,739	53,658	-30,919	L1
0,726	56,769	35,36	56	-20,64	11,259	46	-34,741	L1
0,966	50,799	37,56	56	-18,44	9,689	46	-36,311	L1
1,482	49,945	32,01	56	-23,99	3,355	46	-42,645	N
2,614	47,5	33,34	56	-22,66	5,74	46	-40,26	L1
22,91	49,395	32,79	60	-27,21	6,445	50	-43,555	L1
28,498	60,608	41,76	60	-18,24	15,458	50	-34,542	L1

Rezultat ispitivanja: **ZADOVOLJAVA**

5.1.3.Devijacije

Nema.

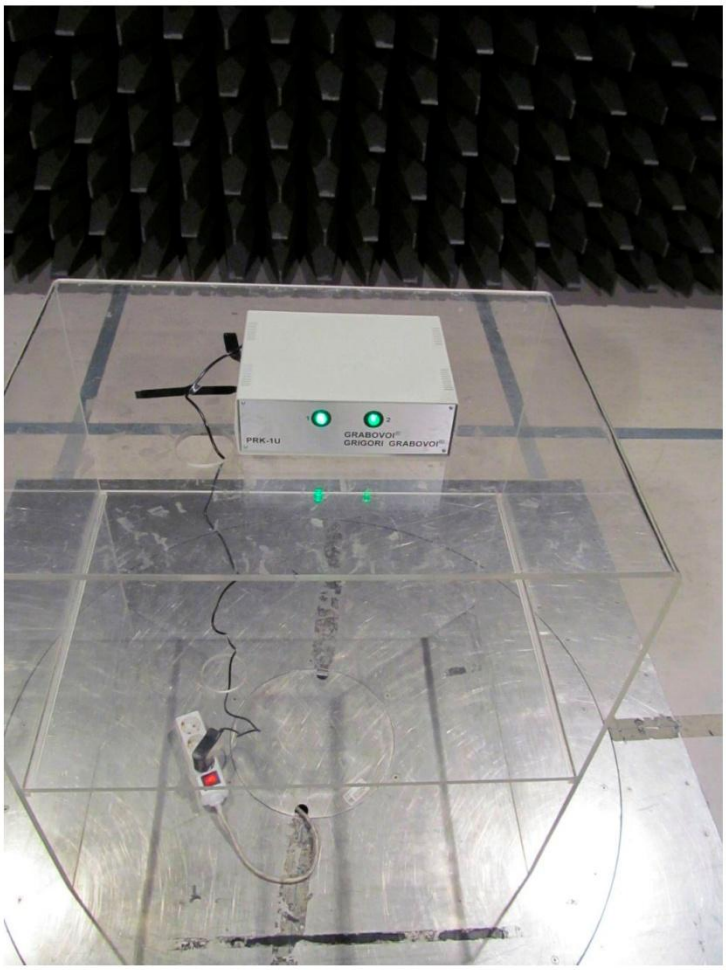
5.1.4.Komentari

Nema.

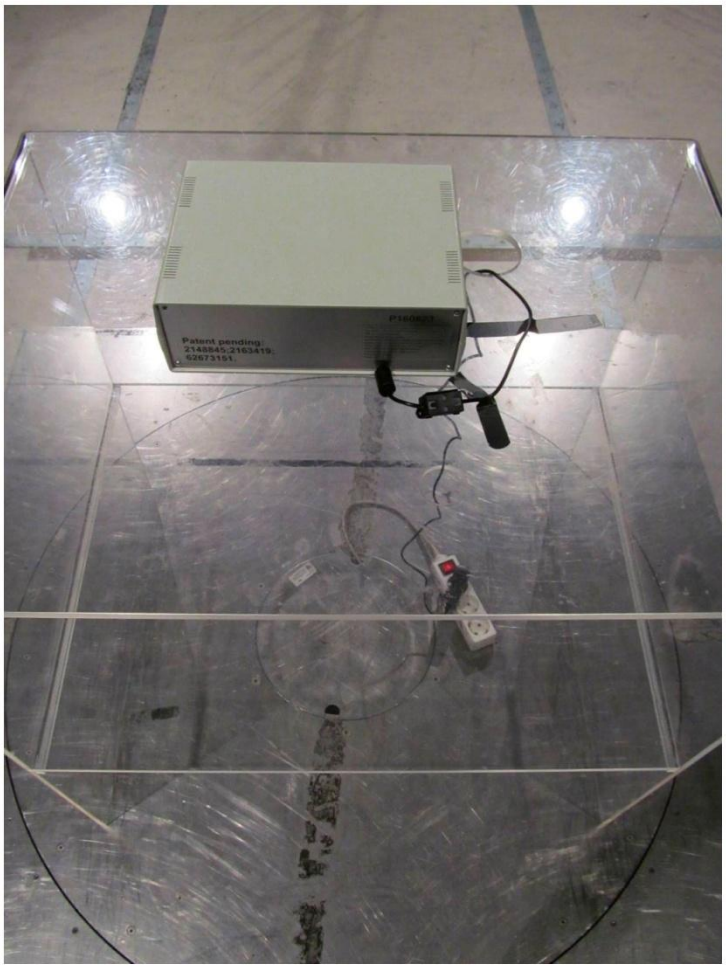
5.2. Ispitivanje radijacione emisije

Datum: 26.07.2018.
Test standard: SRPS EN 55022:2011+AC:2012
Testirao: Milivoje Miletić

5.2.1.Setup (ispitna postavka)



Prednja strana



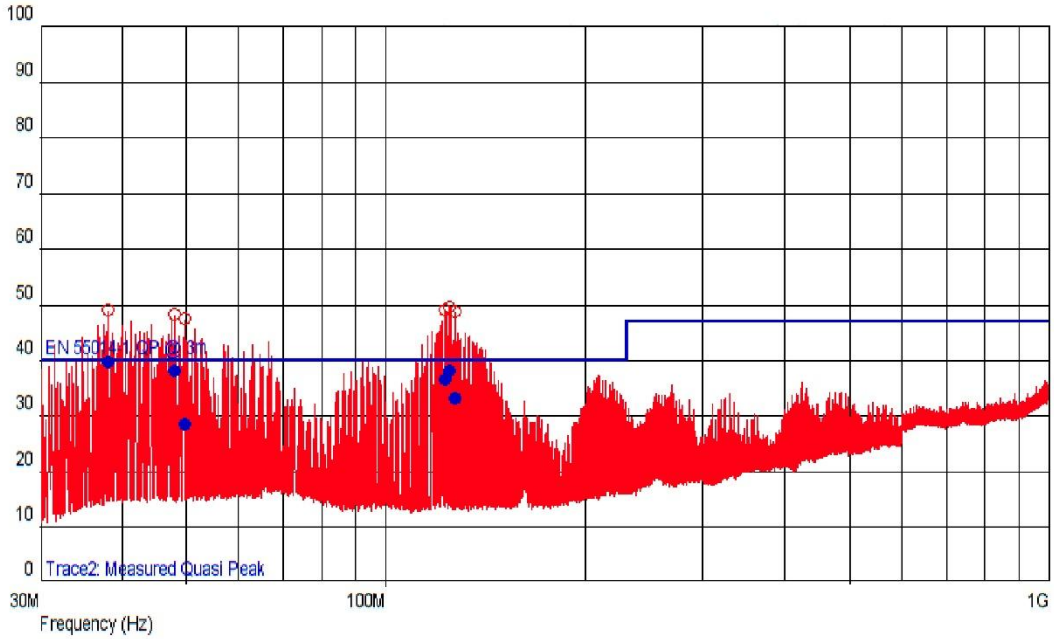
Zadnja strana

Test lokacija: semi-anehoična komora
Udaljenost EUT-a od antene: 3 m
Azimut: 0˚ (vidi sliku)
Režim rada: Treći režim

Limiti:

Frekvencijski opseg [MHz]	Kvazi-vršna vrednost [dB(µV/m)]
30 – 230	40
230 – 1000	47

5.2.2.Rezultati



Lista odabranih smetnji:

Frekvencija [MHz]	Nivo [dBuV/m]	QP limit [dBuV/m]	Margina [dB]	Polarizacija	Azimut [deg]	Visina antene [m]
38,000800	39,36	40	-0,64	|	12	1,06
48,040850	37,94	40	-2,06	|	261	1,06
49,719025	28,36	40	-11,64	|	181	3,7
122,599650	36,37	40	-3,63	|	156	1,95
124,599925	37,96	40	-2,04	|	162	1,61
127,319750	32,91	40	-7,09	|	95	2,62

Rezultat ispitivanja: **ZADOVOLJAVA**

5.2.3.Devijacije

Nema.

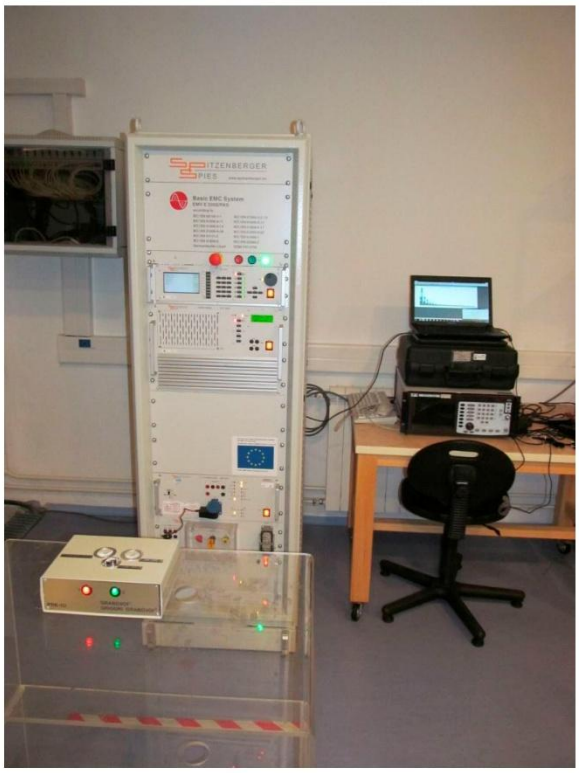
5.2.4.Komentari

Ovi rezultati važe samo uz korišćenje ferita opisanih u tački 2.1.

5.3. Ispitivanje emisije harmonika struje

Datum: 19.07.2018.
Test standard: SRPS EN 61000-3-2:2014
Testirao: Milivoje Miletić

5.3.1.Setup (ispitna postavka)



Parametar	Podešavanje opreme
Klasa uređaja	A
Tip testa	Fluktuirajući harmonici, 2,5 min
Test napon	230V, 50 Hz
Vremenski prozor	200 ms
Režim rada	Treći režim

5.3.2.Rezultati

Maximum RMS current and corresponding values in timewindow 65:

Voltage:	230.31 Vrms		THD=0.01 %	THV=0.027 V	POHV=0.009 V	PWHD=0.03 %
Current:	0.048 Arms		THD=514.60 %	THC=0.042 A	POHC=0.012 A	PWHD=1106.32 %
Power:	1.8 W	P1=1.8 W	11.1 VA			
Power factor:	0.165	CosPhi1: 0.978				

HARMONIC ANALYSIS: Test PASS
Tobs = entire measurement; POHC: avg=0.00 A, limits=0.25 A
Iavg=0.042 Arms

Ha	Entire measurement (2.5 min = 750 time windows)							Worst 2.5 min		Average		PASS	FAIL
	Maximum	Window	EN61000-3-2 Class A	Margin in MaxWin	100 to 150%	150 to 200%	Ex-ceeded	100 to 150%	Ex-ceeded	Value	Ex-ceeded		
DC	-0.0048 A	372	-.----	---.-	0	0	0	n.e.	n.e.	-0.0013 A	0	X	
1	0.0083 A	453	-.----	---.-	0	0	0	n.e.	n.e.	0.0075 A	0	X	
2	0.0068 A	64	1.0800 A	-99.4 %	0	0	0	n.e.	n.e.	0.0045 A	0	X	
3	0.0180 A	86	2.3000 A	-99.2 %	0	0	0	n.e.	n.e.	0.0161 A	0	X	
4	0.0090 A	65	0.4300 A	-97.9 %	0	0	0	n.e.	n.e.	0.0062 A	0	X	
5	0.0164 A	86	1.1400 A	-98.6 %	0	0	0	n.e.	n.e.	0.0148 A	0	X	
6	0.0085 A	58	0.3000 A	-97.2 %	0	0	0	n.e.	n.e.	0.0060 A	0	X	
7	0.0143 A	86	0.7700 A	-98.1 %	0	0	0	n.e.	n.e.	0.0129 A	0	X	
8	0.0079 A	58	0.2300 A	-96.6 %	0	0	0	n.e.	n.e.	0.0057 A	0	X	
9	0.0119 A	93	0.4000 A	-97.0 %	0	0	0	n.e.	n.e.	0.0108 A	0	X	
10	0.0071 A	58	0.1840 A	-96.1 %	0	0	0	n.e.	n.e.	0.0053 A	0	X	
11	0.0095 A	93	0.3300 A	-97.1 %	0	0	0	n.e.	n.e.	0.0086 A	0	X	
12	0.0063 A	51	0.1533 A	-95.9 %	0	0	0	n.e.	n.e.	0.0048 A	0	X	
13	0.0073 A	93	0.2100 A	-96.5 %	0	0	0	n.e.	n.e.	0.0066 A	0	X	
14	0.0057 A	51	0.1314 A	-95.7 %	0	0	0	n.e.	n.e.	0.0044 A	0	X	
15	0.0057 A	86	0.1500 A	-96.2 %	0	0	0	n.e.	n.e.	0.0051 A	0	X	
16	0.0051 A	51	0.1150 A	-95.6 %	0	0	0	n.e.	n.e.	0.0039 A	0	X	
17	0.0050 A	86	0.1324 A	-96.2 %	0	0	0	n.e.	n.e.	0.0043 A	0	X	
18	0.0045 A	72	0.1022 A	-95.6 %	0	0	0	n.e.	n.e.	0.0034 A	0	X	
19	0.0049 A	86	0.1184 A	-95.9 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
20	0.0041 A	72	0.0920 A	-95.5 %	0	0	0	n.e.	n.e.	0.0031 A	0	X	
21	0.0049 A	65	0.1071 A	-95.5 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
22	0.0038 A	72	0.0836 A	-95.4 %	0	0	0	n.e.	n.e.	0.0028 A	0	X	
23	0.0048 A	65	0.0978 A	-95.1 %	0	0	0	n.e.	n.e.	0.0040 A	0	X	
24	0.0036 A	72	0.0767 A	-95.3 %	0	0	0	n.e.	n.e.	0.0027 A	0	X	
25	0.0045 A	65	0.0900 A	-94.9 %	0	0	0	n.e.	n.e.	0.0038 A	0	X	
26	0.0034 A	72	0.0708 A	-95.2 %	0	0	0	n.e.	n.e.	0.0026 A	0	X	
27	0.0041 A	35	0.0833 A	-95.0 %	0	0	0	n.e.	n.e.	0.0035 A	0	X	
28	0.0032 A	179	0.0657 A	-95.1 %	0	0	0	n.e.	n.e.	0.0025 A	0	X	
29	0.0037 A	35	0.0776 A	-95.2 %	0	0	0	n.e.	n.e.	0.0032 A	0	X	
30	0.0031 A	179	0.0613 A	-94.9 %	0	0	0	n.e.	n.e.	0.0024 A	0	X	
31	0.0034 A	35	0.0726 A	-95.3 %	0	0	0	n.e.	n.e.	0.0029 A	0	X	
32	0.0029 A	179	0.0575 A	-94.9 %	0	0	0	n.e.	n.e.	0.0023 A	0	X	
33	0.0032 A	35	0.0682 A	-95.3 %	0	0	0	n.e.	n.e.	0.0028 A	0	X	
34	0.0027 A	179	0.0541 A	-94.9 %	0	0	0	n.e.	n.e.	0.0022 A	0	X	
35	0.0030 A	35	0.0643 A	-95.3 %	0	0	0	n.e.	n.e.	0.0027 A	0	X	
36	0.0025 A	179	0.0511 A	-95.1 %	0	0	0	n.e.	n.e.	0.0020 A	0	X	
37	0.0029 A	86	0.0608 A	-95.2 %	0	0	0	n.e.	n.e.	0.0026 A	0	X	
38	0.0024 A	79	0.0484 A	-95.1 %	0	0	0	n.e.	n.e.	0.0019 A	0	X	
39	0.0028 A	35	0.0577 A	-95.1 %	0	0	0	n.e.	n.e.	0.0024 A	0	X	
40	0.0022 A	79	0.0460 A	-95.2 %	0	0	0	n.e.	n.e.	0.0018 A	0	X	

average value < 0.6 % of Iavg or < 5 mA n.e. = not evaluated

Rezultat ispitivanja: **ZADOVOLJAVA**

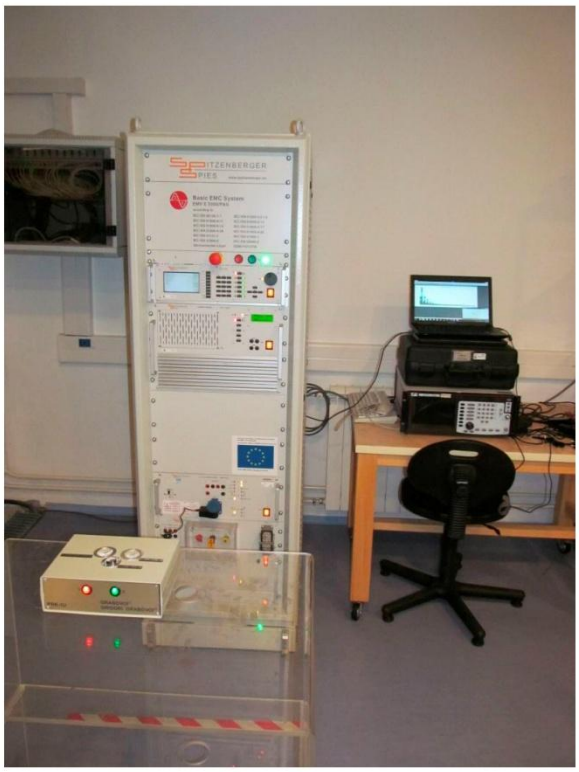
5.3.3.Devijacije
Nema.

5.3.4.Komentari
Nema.

5.4. Ispitivanje generisanje flikera

Datum: 19.07.2018.
Test standard: SRPS EN 61000-3-3:2014
Testirao: Milivoje Miletić

5.4.1.Setup (ispitna postavka)



Parametar	Podešavanja
Test napon	230 V, 50 Hz
Broj posmatranja	1
Period posmatranja	10 min
Režim rada	Treći režim

5.4.2.Rezultati

FLICKER: Test PASS!

Time	Pmax	Pst	Sliding Plt	d(t)>3.30% [s]	dmax [%]	dc [%]	PASS	FAIL
12:05:28	0.001	0.0210	- . - - - -	0.000	+0.000	- . - - -	X	
Limits:		1.000	0.650	0.500	4.000	3.300		
Plt: 0.009173 (calculated over 12 periods)							X	
Evaluated: PST, PLT, Sliding PLT, dc, dmax, d(t)								

FLICKER: Source test PASS!

Time	Pmax	Pst	Sliding Plt	d(t)>3.30% [s]	dmax [%]	dc [%]	PASS	FAIL
12:05:28	0.000	0.0040	- . - - - -	0.000	+0.000	- . - - -	X	
Plt: 0.001747 (calculated over 12 periods)								
Evaluated: PST <= 0.4 dmax < 20 % dmax1								

Rezultat ispitivanja: **ZADOVOLJAVA**

5.4.3.Devijacije

Nema.

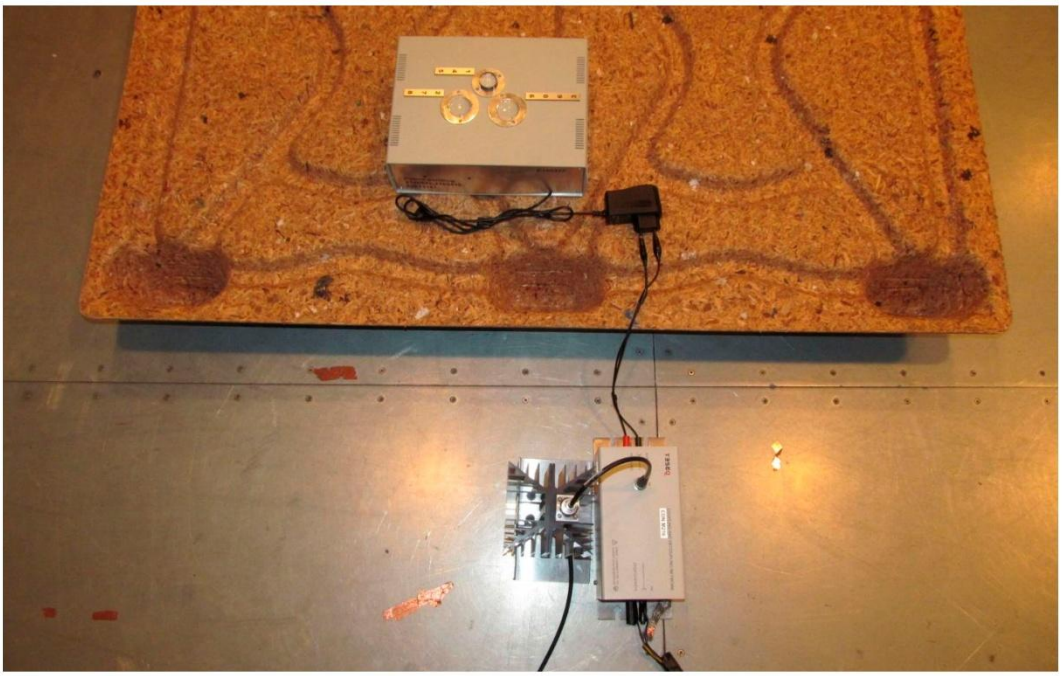
5.4.4.Komentari

Nema.

5.5. Ispitivanje imunosti na kondukcione RF smetnje

Datum: 24.07.2018.
Test standard: SRPS EN 61000-4-6:2014
Testirao: Milivoje Miletić

5.5.1.Setup (ispitna postavka)



Frekvencijski opseg: 150 kHz – 80 MHz
Test nivo: 3 V
Modulacija: 80 % AM, sinusoidalna 1 kHz
Korak učestanosti: 1 % sa vremenom zadržavanja 1 s
Port koji se ispituje: AC napojni port primenon CDN-a M216
Radni režim EUT-a: Treći režim

5.5.2.Rezultati

A – Za vreme i nakon ispitivanja uređaj radi kako je predviđeno i nisu primećene promene u njegovom radu.

Zahtevani kriterijum: A Rezultat ispitivanja: **ZADOVOLJAVA**

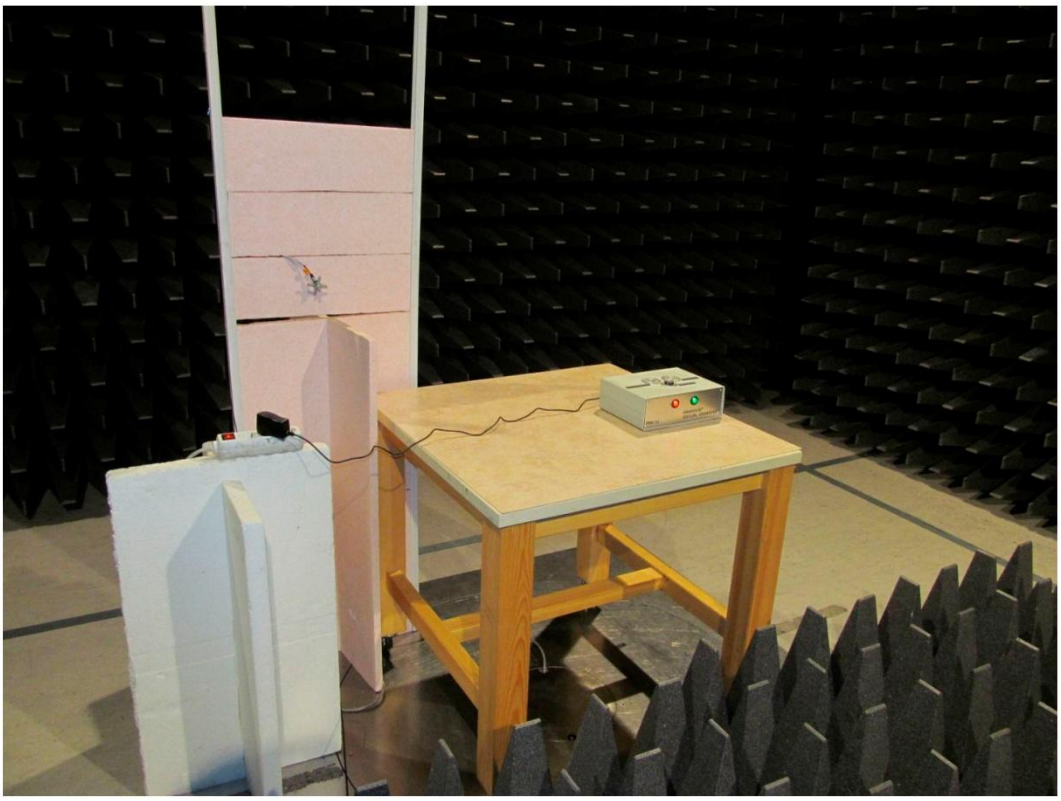
5.5.3.Devijacije
Nema.

5.5.4.Komentari
Nema.

5.6. Ispitivanje imunosti na radijaciono RF polje

Datum: 19.07.2018.
Test standard: SRPS EN 61000-4-3:2008+A1:2009+A2:2012
Testirala: Milivoje Miletić

5.6.1.Setup (ispitna postavka)



Opseg učestanosti: 80 MHz – 1 GHz
Korak po učestanosti: 1 % prethodne učestanosti
Vreme izloženosti: 1 s
Nivo: 3 V/m
Polarizacija: HOR i VER
Modulacija: 80 % AM; prostoperiodični signal frekvencije 1kHz
UFA: 1,5 x 1,5 m na visini od 0,8 m; na rastojanju: 2,3 m od antene
Režim rada EUT-a: Treći režim

5.6.2.Rezultati

3 V/m	80 MHz –1 GHz HOR	80 MHz – 1 GHz VER
Napred	A	A
Pozadi	A	A
Levo	A	A
Desno	A	A

A – Za vreme i nakon ispitivanja uređaj radi kako je predviđeno i nisu primećene promene u njegovom radu.

Zahtevani kriterijum: A Rezultat ispitivanja: **ZADOVOLJAVA**

5.6.3.Devijacije

Nema.

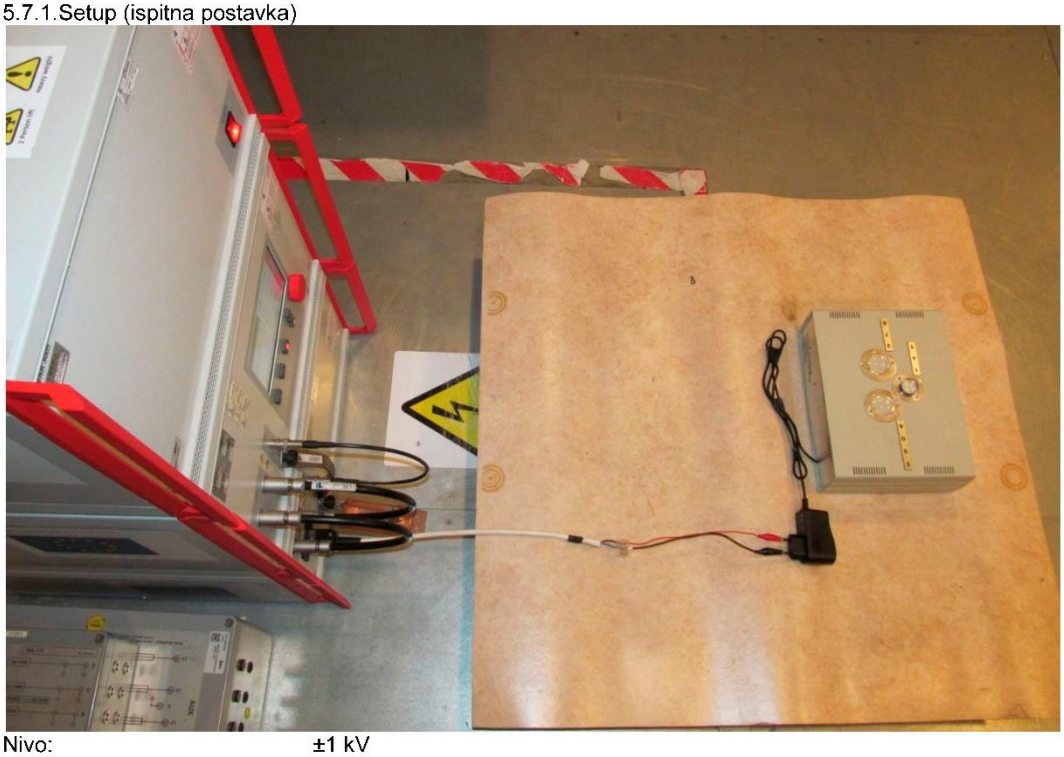
5.6.4.Komentari

Nema.

5.7. Ispitivanje imunosti na povorke brzih impulsa (EFT-B)

Datum: 19.07.2018.
Test standard: SRPS EN 61000-4-4:2013
Testirao: Milivoje Miletić

5.7.1.Setup (ispitna postavka)



Nivo: ±1 kV
Trajanje: 120 s po polaritetu
Sprezanje: Preko mreže za sprezanje i rasprezanje
Port koji se ispituje: AC napojni port
Frekvencija: 5 kHz
Trajanje povorke: 75 impulsa
Perioda ponavljanja povorke: 300 ms
Radni režim EUT-a: Treći režim

5.7.2.Rezultati

Ispitivani port	Test nivo [kV]	Zahtevani kriterijum performansi	Rezultat	Komentari
AC	±1	B	A	Bez promena u radu uređaja.

Rezultat ispitivanja: **ZADOVOLJAVA**

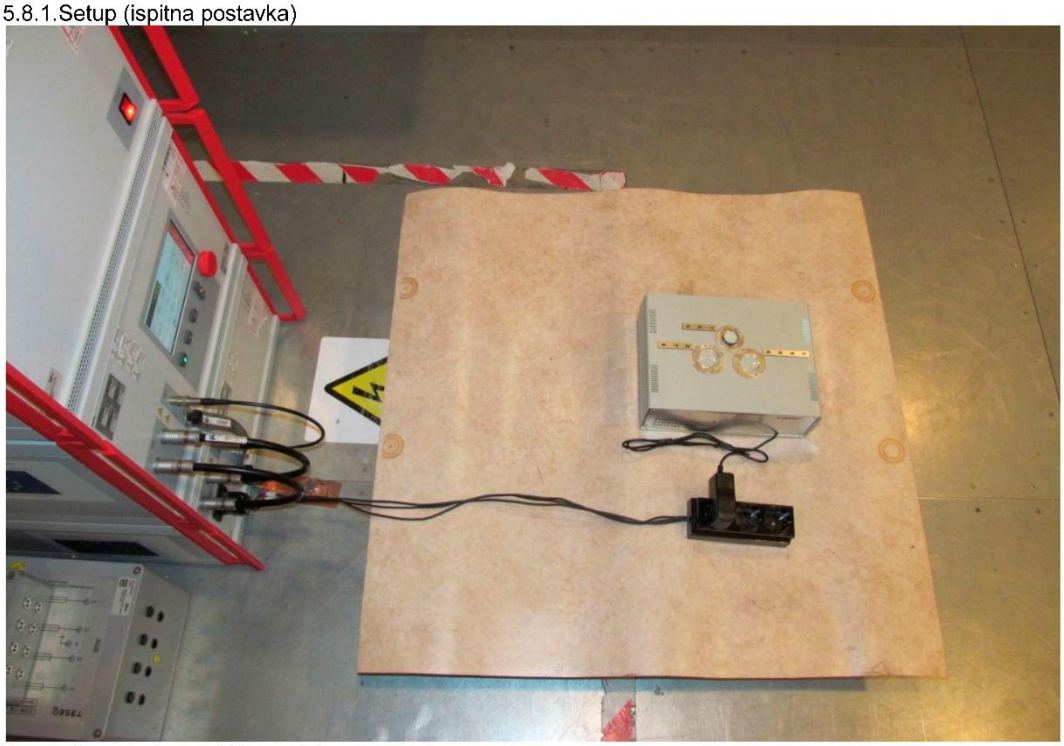
5.7.3.Devijacije
Nema.

5.7.4.Komentari
Nema.

5.8. Ispitivanje imunosti na prenaponski impuls

Datum: 26.07.2018.
Test standard: SRPS EN 61000-4-5:2014
Testirala: Milivoje Miletić

5.8.1.Setup (ispitna postavka)



Port koji se testira:	AC napojni port
Test nivo:	1 kV (peak) između faznog i nultog provodnika, diferencijalni mod Impedansa generatora: 2 Ω
Impulsni oblik:	1,2/50 (8/20) µs
Broj impulsa:	5 POS i 5 NEG
Pauza:	60 s
Ugao:	90 ° za POS, 270 ° za NEG
Režim rada EUT-a	Treći režim

5.8.2.Rezultati

A – Za vreme i nakon ispitivanja uređaj radi kako je predviđeno i nisu primećene promene u njegovom radu.

Zahtevani kriterijum: A Rezultat ispitivanja: **ZADOVOLJAVA**

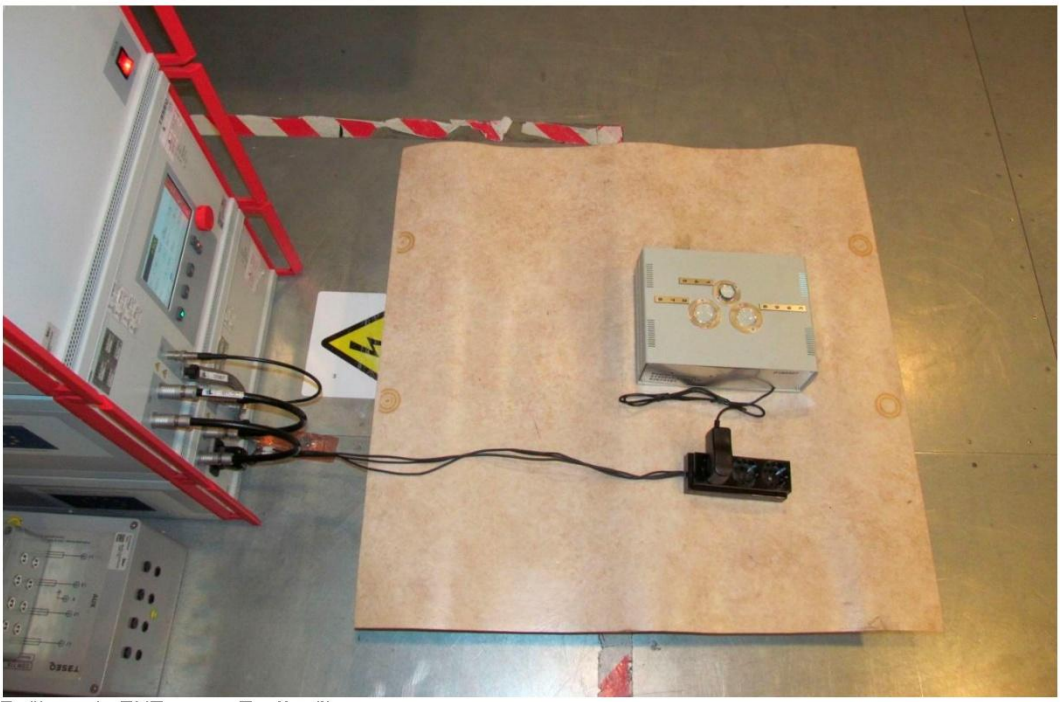
5.8.3.Devijacije
Nema.

5.8.4.Komentari
Nema.

5.9. Ispitivanje imunosti na propade i prekide napona

Datum: 26.07.2018.
Test standard: SRPS EN 61000-4-11:2008
Testirao: Milivoje Miletić

5.9.1.Setup (ispitna postavka)



Režim rada EUT-a: Treći režim
Promene napona se primenjuju pri faznom uglu od 0°.

5.9.2.Rezultati

Test	Vreme ponavljanja [s]	Trajanje testa [broj primena]	Trajanje događaja [periode]	Pad napona na [%]	Zahtevani kriterijum performansi	Rezultat	Komentar
Propadi i prekidi napona	10	3	25	70	C	A	Bez promene u radu EUT-a.
	10	3	10	40	C	A	Bez promene u radu EUT-a.
	10	3	0,5	0	C	A	Bez promene u radu EUT-a.

Zahtevani kriterijum: C

Rezultat ispitivanja: **ZADOVOLJAVA**

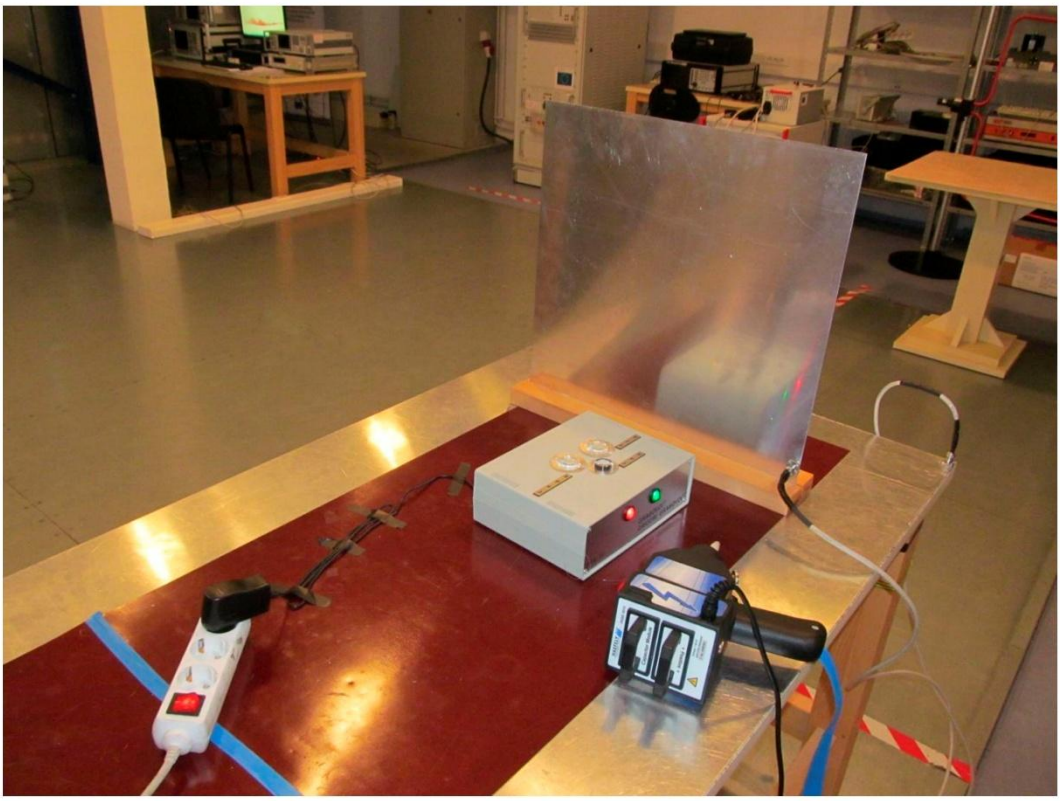
5.9.3.Devijacije
Nema.

5.9.4.Komentari
Nema.

5.10. Ispitivanje imunosti na elektrostatičko pražnjenje (ESD)

Datum: 24.07.2018.
Test standard: SRPS EN 61000-4-2:2009
Testirao: Milivoje Miletić

5.10.1. Setup (ispitna postavka)



Uslovi ispitivanja:

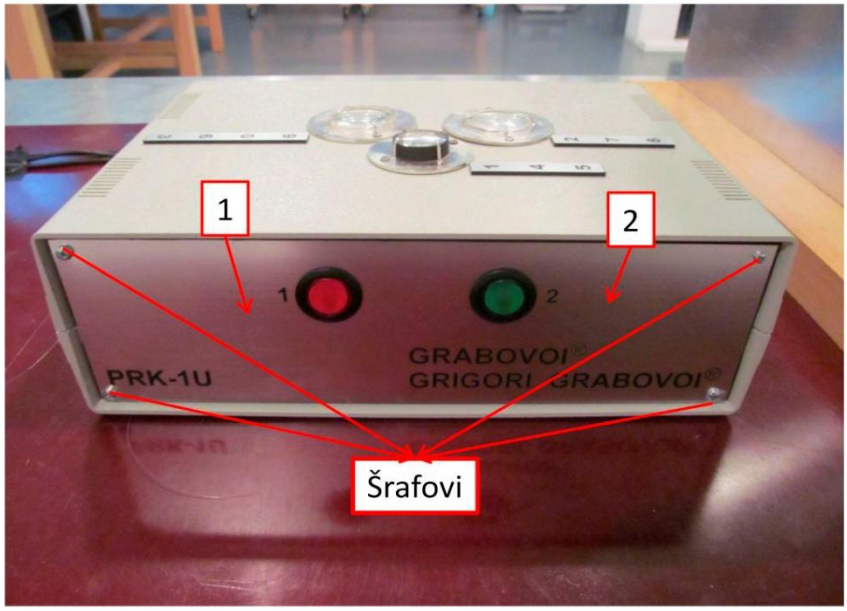
Temperatura: 21,3 °C
Relativna vlažnost vazduha: 62,1 %
Atmosferski pritisak: 993 hPa

Režim rada: Treći režim

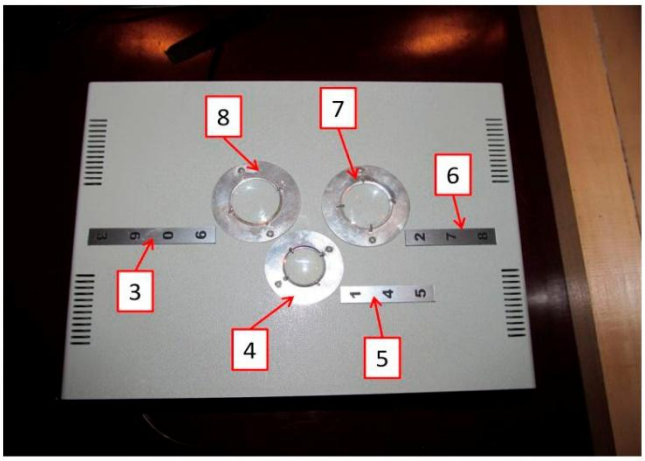
5.10.2. Rezultati

Tip pražnjenja – KONTAKTNO			
Ispitni nivo [kV] / **Mesto pražnjenja**	**+4**	**-4**	**NAPOMENE**
Šrafovi	**A**	**A**	Bez promena u radu uređaja.
Metalni delovi kućišta (tačke kontaktnog pražnjenja 1~2, 9~10)	**A**	**A**	Bez promena u radu uređaja.
Metalne pločice (tačke kontaktnog pražnjenja 3~8)	**A**	**A**	Bez promena u radu uređaja.
HCP indirektno	**A**	**A**	Bez promena u radu uređaja.
VCP indirektno	**A**	**A**	Bez promena u radu uređaja.

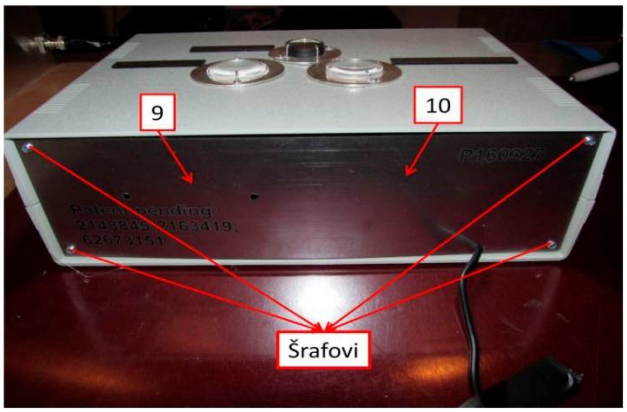
Tip pražnjenja - VAZDUŠNO							
Ispitni nivo [kV] / **Mesto pražnjenja**	**+2**	**-2**	**+4**	**-4**	**+8**	**-8**	**NAPOMENE**
Plastično kućište	**A**	**A**	**A**	**A**	**A**	**A**	Bez varnice. Bez promena u radu uređaja.
Tasteri	**A**	**A**	**A**	**A**	**A**	**A**	Bez varnice. Bez promena u radu uređaja.
Ventilaioni otvori	**A**	**A**	**A**	**A**	**A**	**A**	Bez varnice. Bez promena u radu uređaja.
AC/DC adapter	**A**	**A**	**A**	**A**	**A**	**A**	Bez varnice. Bez promena u radu uređaja.



Tačke kontaktnog pražnjenja 1~2



Tačke kontaktnog pražnjenja 3~8



Tačke kontaktnog pražnjenja 9~10

Zahtevani kriterijum: B

Rezultat ispitivanja: **ZADOVOLJAVA**

5.10.3. Devijacije

Nema.

5.10.4. Komentari

Nema.

6. Podaci o mernoj opremi

Za ispitivanja je korišćena sledeća merna oprema:

Type	Manufacturer	Model	Ser. No.	IN number	Za ispitivanja pod tačkom:
ESD gun set	Haefely	PESD3010	H707203	L-0052	5.10
Power supply/ Amplifier/ Control unit/ Analyser Reference System	Spitzenberger&Spies	EMV E 5000/PAS1	A 4979 02/0 1112	0100-0104	5.3, 5.4
CDN	Teseq	CDN 3061-C16	1422	0105	5.7, 5.8, 5.9
Conducted immunity generator	Teseq	NSG3060	1497	0106	5.7, 5.8, 5.9
dual variac	Teseq	VAR 3005-D16	1999	0110	5.9
Antenna	Teseq	CBL6144	35349	0115	5.2, 5.6
power meter	Teseq	PMU6006	73368	0123	5.6
Field strength sensor	Narda (PMM)	EP601	501WX2045 6	0124	5.6
software	Teseq	Compliance 5 E/I v5.26.4	517-2881623-74 and 517-2846725-70	0125	5.1, 5.2, 5.5, 5.6
Compact immunity test system	Teseq	NSG4070-75	35059	0126	5.5
attenuator	Teseq	ATN6075	33644	0127	5.5
V-network 4-line	Teseq	NNB52	27384	0134	5.1
ISN	Teseq	ISN T8	30901	0136	5.1
EMI receiver	Schaffner	SMR4503	81	0138	5.1, 5.2
Environmental monitor	Kimo	AQ200	12115072	0144	all
HCP					5.10
VCP					5.10
Semi anechoic chamber + antenna mast + controller	Comtest	3m		0305 + 306+ 307	5.2, 5.6
FU absorbers + ferrite tiles	DMAS HT45 + Comtest CAT-6			0308 + 309	5.6
CDN	Teseq	CDN M316S	33964	0128-2	5.5
Amplifier	Teseq	CBA 1G-150	T44175	0116	5.6
Amplifier	Teseq	CBA 3G-012	T44176	0117	5.6
Directional coupler	Bonn	BDC 0810-40/500	129058-02	0121	5.6
Directional coupler	Bonn	BDC 0842-40/200	129058-01	0122	5.6

7. Merna nesigurnost

Za test 5.1: $U_{LAB}=U_{CISPR}=3.4$ dB - Proširena merna nesigurnost, data kao standardna merna nesigurnost pomnožena faktorom pokrivenosti k = 2, koji za normalnu distribuciju odgovara verovatnoći pokrivenosti od približno 95%. Izračunavanje je vršeno prema standardu EN 55016-4-2:2011 + A1:2014.

Za test 5.2 4,9 dB (HOR 30 MHz – 300 MHz), 5 dB (VER 30 MHz – 300 MHz), 5,2 dB (HOR and VER 300 MHz – 2700 MHz) - Proširena merna nesigurnost, data kao standardna merna nesigurnost pomnožena faktorom pokrivenosti k = 2, koji za normalnu distribuciju odgovara verovatnoći pokrivenosti od približno 95%. Izračunavanje je vršeno prema standardu EN 55016-4-2:2004.

Za test 5.3: 2,8654% - Proširena merna nesigurnost, data kao standardna merna nesigurnost pomnožena faktorom obuhvata k = 2, koji za normalnu distribuciju odgovara intervalu poverenja od približno 95%.

Za test 5.4: 2,87 % (d), 4,23 % (Pst) - Proširena merna nesigurnost, data kao standardna merna nesigurnost pomnožena faktorom obuhvata k = 2, koji za normalnu distribuciju odgovara intervalu poverenja od približno 95%.

Za testove imunosti (5.5 – 5.10) za mernu opremu koja je korišćena za testove imunosti pokazano je tokom etaloniranja da je u saglasnosti sa zahtevima test standarda, uzimajući pri tome u obzir i mernu nesigurnost.

8. Opšte napomene

Nema.

9. Prilozi

Nema.

KRAJ IZVEŠTAJA

Certificate of the "Vinča Institute" on Compliance with the accepted standards, and the first two pages and two pages at the end of the Report to the Certificate.

QZ.VS.23

ИНСТИТУТ ЗА НУКЛЕАРНЕ НАУКЕ «ВИНЧА»
Именовано тело за оцењивање усаглашености
"VINCA" Institute of Nuclear Sciences, Serbia
Body Appointed for Conformity Assessment

И 003 18

На основу члана 13. Правилника о електричној опреми намењеној за употребу у оквиру одређених граница напона («Службени гласник РС» бр. 25/16) и Решења о проширењу обима имановања бр. 021-00-116/2011-08 од 01.12.2011. Министарства економије и регионалног развоја, на захтев

„Grigorii Grabovoi" PR, Konsalting Technologies of Eternal Development Beograd, Kneza Mihaila 21a, TC "Milenijum", II sprat, lokal br.113, 11000 Beograd

издаје се

ПОТВРДА О УСАГЛАШЕНОСТИ бр. VINCA.PU.18.AD262
CONFIRMATION OF CONFORMITY No.

Произвођач: *Manufacturer*	**„Grigorii Grabovoi" PR, Konsalting Technologies of Eternal Development Beograd, Kneza Mihaila 21a, TC "Milenijum", II sprat, lokal br.113, 11000 Beograd, Srbija**
Производ, тип (модел): *Product, Type (model)*	**Uređaj za razvoj koncentracija večnog života PRK-1U tri - mod**
Карактеристике производа: *Product characteristics*	**100-240 V~ 50/60 Hz 6,5 W Class II IPX0**
Стандард: *Standard*	**SRPS EN 60335-1:2012+A11:2015+AC:2014**
Извештај о оцењивању бр. *Assessment Report No.*	**CN-PU 297/18 od 03.09.2018.**
Рок важења потврде: *Attestation validity*	**do 03.09.2023.**

На основу прегледа достављене техничке документације произвођача и декларације о усаглашености, потврђује се да наведена електрична опрема задовољава безбедносне захтеве **Правилника о електричној опреми намењеној за употребу у оквиру одређених граница напона** («Службени гласник РС» бр. 25/16).
On the basis of examination of the delivered manufacturer's technical documentation and declaration of conformity, it is certified hereby that the quoted electrical equipment complies with the safety provisions of Rulebook on the electrical equipment intended for use within certain voltage limits.

На основу члана 14. и Прилога 5. наведеног Правилника, на предметни тип производа наноси се српски знак усаглашености.
On the basis of Article 14 and Annex 5 of the applied Rulebook, for the present type of product Serbian mark of conformity is applicable.

Датум
Date
03.09.2018.

Руководилац Центра за противексплозиону заштиту CENEx
Manager of Center for Explosion Protection CENEx
Мирослав Туфегџић, дипл.физ.

М.П.
Seal

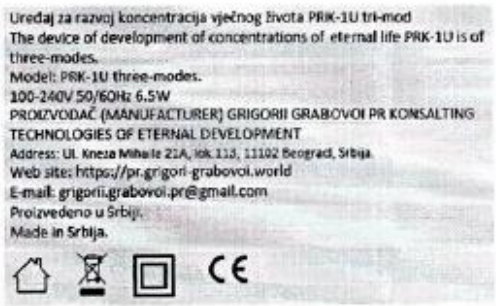
Биро за сертификацију
Извршни руководилац
Executive Manager of Certification Department
Др Предраг Поповић

Адреса: 11001 Београд, п.п. 522, Телефони: 011/3408-168, 011/630-8430
e-mail: biro@vinca.rs, http://www.vinca.rs

TEST REPORT
EN 60335-1
Household and similar electrical appliances - Safety
Part 1: General requirements

Report Reference No.	:	TR-220818.01
Tested by (name+signature)	:	Milivoje Savić
Witnessed by (name+signature)	:	N/A
Supervised by (name+signature)	:	N/A
Approved by (name+signature)	:	Dragoslav Đorović
Date of issue	:	2018-08-22
Testing Laboratory	:	AN LAB CO d.o.o.
Address	:	Trgovacka 79 Belgrade 11030, Serbia
Testing address	:	AN LAB CO DOO, Avnojska 1A, 11130 Kaluđerica - Beograd, Serbia
Applicant's name	:	GRIGORII GRABOVOI PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT BEOGRAD
Address	:	Kneza Mihaila 21a, TC „Milenijum", II sprat, lokal br. 113, Belgrade, Serbia
Test specification:		
Standard	:	EN 60335-1:2012+A11:2014
Test procedure	:	LVD
Procedure deviation	:	See summary of testing
Non-standard test method	:	N/A
Test item description	:	**DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1 U three-modes**
Trade Mark	:	GRABOVOI® or GRIGORI GRABOVOI®
Manufacturer	:	GRIGORII GRABOVOI PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT BEOGRAD
Address	:	Kneza Mihaila 21a, TC „Milenijum", II sprat, lokal br. 113, Belgrade, Serbia
Model/Type reference	:	**PRK-1U three-modes**
Ratings	:	100-240V 50/60Hz 6,5W

Copy of marking plate:



Summary of testing:

Glow wire test and ball pressure test are not performed because the component under live voltage is approved (power supply unit).
RI and BI creepage and clearance tests are not performed because these distances are within approved power supply unit.

Conclussion: **Test specimen passed all performed tests.**

Possible test case verdicts:

- test case does not apply to the test object.....: N/A (not applicable)
- test object does meet the requirement.....: P (Pass)
- test object does not meet the requirement.....: F (Fail)

General remarks:
The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

List of test equipment must be kept on file and available for review.
Throughout this report a **comma** (point) is used as the decimal separator.
In this report requirements valid for EN only are marked with (EN).

General product information:

The equipment under test (EUT) is indoor use apparatus for increasing mental concentration. The EUT incorporate two units: Power supply unit and main unit. The units are connected by nondetachable interconnection cable. The enclosures of units are made from plasticts.
Power supply unit is pluggable type with provided pins. There are two switches for mode selection on the front panel of main unit. Both switches have light indicator.

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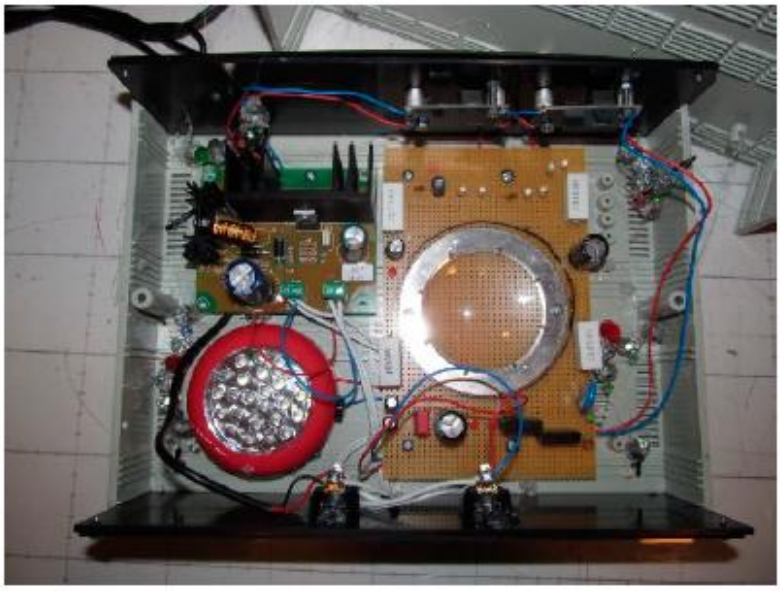

End of Test Report