

PRK-1U



PT

O DISPOSITIVO DE DESENVOLVIMENTO DE CONCENTRAÇÕES DE VIDA ETERNA PRK-1U DE TRÊS MODOS

Descrição e métodos de trabalho com o dispositivo

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Com base e de acordo com a patente de Grigori Grabovoi "Método para a prevenção de desastres e um dispositivo para a sua execução" e outras de suas invenções, onde normaliza-se o impulso de controlo que é gerado pelo homem como elemento de sua consciência, como o brilho do seu pensamento. Grigori Grabovoi construiu um dispositivo para o desenvolvimento das concentrações da vida eterna PRK-1U, de tres modalidades. Este dispositivo baseia-se no princípio da semelhança com o corpo humano. Consiste no fato de o próprio dispositivo ter dois interruptores, mas três modos funcionam. A analogia é que, no corpo humano, pensamentos diferentes nascem e são realizados, mais a massa do corpo não aumenta. O instrumento tem funções de inteligência artificial.

- O primeiro modo é universal.

- O segundo modo é melhorar a fase estacionária da realidade.

- Terceiro modo-amplificação da fase dinâmica da realidade (impulso-periódico).

O modo intermitente pulsado é ativado pelo próprio circuito do dispositivo sem um interruptor.

Aviso antes de usar o dispositivo

O dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos.

Antes de usar o dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos, reveja o manual do utilizador para este dispositivo, descrição do dispositivo na página web: <https://pr.grigori-grabovoi.world/index.php/technical-devices/prk-1u>

A descrição nesta página da web é fornecida em inglês, alemão, francês, italiano, espanhol, português, sérvio, russo.

Segurança e operação:

Consulte o link <https://pr.grigori-grabovoi.world/index.php/technical-devices/prk-1u>

AVISO:

Não exponha o dispositivo à humidade para evitar um curto-circuito eléctrico e os efeitos associados, incluindo a possível ignição do elemento do aparelho no local do curto-circuito.

Não deixe o aparelho cair de uma grande altura.

Norma:

Informações sobre regulamentações, certificados, marcas de conformidade, a proteção de patentes, marcas comerciais, relacionadas com um dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos, e o produto em geral, você pode encontrar na documentação enviada na caixa de transporte e no site oficial <https://pr.grigori-grabovoi.world>

República da Sérvia e União Europeia. Informações sobre reciclagem:

A marca do recipiente de lixo riscado no dispositivo, na documentação do dispositivo, indica que, de acordo com as leis e regulamentos locais, este produto deve ser descartado separadamente do lixo doméstico.

Adaptador de alimentação atende aos requisitos:

"Sobre a segurança de equipamentos de baixa tensão" e "compatibilidade eletromagnética de equipamentos técnicos".

Dados individuais do dispositivo:

O número do modelo e o número de série individual do dispositivo estão localizados na parte traseira do dispositivo. Utilize estes números se entrar em contacto com o fabricante cujo endereço e WebSite são indicados também na parte traseira do dispositivo.

Materiais utilizados e testes:

O dispositivo usa materiais seguros para o corpo, usa elementos e materiais de solda que não contêm chumbo ou outras substâncias nocivas.

Cada componente de cada peça do instrumento é cuidadosamente avaliado quanto à segurança ambiental.

O dispositivo é testado antes de iniciar a operação por pelo menos 24 horas de operação contínua em cada um dos três modos de operação do dispositivo, o que garante o desempenho normal do dispositivo.

Instruções para ligar o dispositivo

Conecte o dispositivo à rede elétrica.

O dispositivo está desligado quando o botão do aparelho (1) está na posição "para baixo".

Foto 1: o dispositivo está desligado.



Para ligar o dispositivo, é necessário mudar o botão (1) para a posição superior.

Observe em que posição o botão (2) está localizado, pois isso determinará em que modo o dispositivo será ligado. Se o botão (2) estiver na posição inferior (foto 2), o dispositivo ligará no primeiro modo, se estiver na posição superior (Foto 3), O aparelho ligará no terceiro modo.

Foto 2: primeiro modo ativado. Botão (2) na posição "para baixo".



Foto 3: O terceiro modo está ativado. Botão (2) para cima»



Se o dispositivo tiver sido ligado no terceiro modo (Foto 3), pode mudar o botão (2) para a posição inferior para o primeiro modo de funcionamento do dispositivo (foto 2).

Se você precisar ligar o dispositivo no segundo modo, primeiro ligue-o no primeiro modo (Foto 2) e depois mude o botão (2) para a posição superior (Foto 4).

Foto 4: ativar o segundo modo. Produzido a partir do primeiro modo. Botão (2) para cima»



Para determinar em que modo o dispositivo está atualmente em funcionamento, basta olhar para o botão de comutação de modo (2).

Se o botão (2) não acender, o dispositivo funcionará no primeiro modo (Foto 2).

Se o botão (2) estiver aceso, o dispositivo funcionará no segundo modo (foto 4).

Se o botão (2) piscar, o aparelho funciona no terceiro modo. Também no terceiro modo, você pode ver a cintilação da luz dentro do dispositivo.

Descrição do dispositivo de tres modos de operação para o desenvolvimento das concentrações da vida eterna PRK-1U

O desenvolvimento de concentrações que garantem a vida eterna a todos é realizado concentrando-se no receptor do sinal biológico gerado e monitorando o resultado das concentrações. Sabe-se da psicologia que quanto mais a concentração é produzida, mais rápido o objetivo é alcançado, e os eventos são otimizados.

No dispositivo, a imposição de campos a partir da geração de um sinal biológico, campos eletromagnéticos, o controle sobre o objetivo da concentração é adicionado a esse fator da psicologia de acordo com a lei das relações universais. O dispositivo desenvolve concentrações de controle criativo.

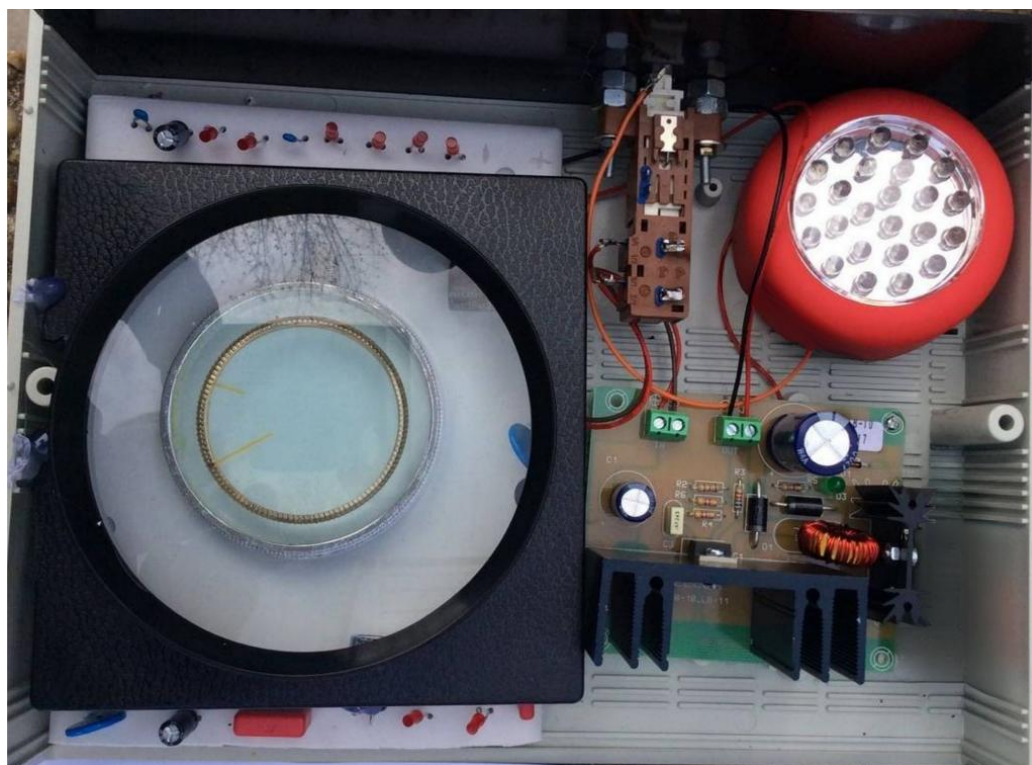
Na teoria da síntese de ondas, sabe-se que o pensamento que gera uma radiação pode ter dois estados quânticos ao mesmo tempo. Um desses estados está no elemento de detecção do transmissor de sinal e o outro no receptor de sinal. Isso permite a criação de dispositivos para garantir a vida eterna, interagindo com o pensamento. As patentes das invenções de Grigori Grabovoi registram que gera informações na forma de radiação do pensamento de um operador humano. Para a operação do dispositivo PRK-1U, uma pessoa concentra a radiação criada pelo pensamento nas lentes localizadas na superfície superior do dispositivo:



O pensamento contém o objetivo da concentração. A ação da concentração para o tempo atual e futuro é realizada no elemento sensor do transmissor de sinal composto por lentes. Movimentos circulares de concentrações de uma lente de menor diâmetro são feitos no sentido anti-horário através de lentes de maior diâmetro.

Nas concentrações relacionadas com eventos passados, o movimento circular do pensamento de concentração foi produzido no sentido horário de uma lente menor para uma lente maior. E a luz da concentração não estava no topo, como no caso das concentrações para o tempo atual e futuro, mas do lado da unidade óptica interna do dispositivo.

De acordo com o sistema de transmissão de informações descrito na patente, outro estado quântico de pensamento é projetado em um receptor de sinal localizado na forma de um dispositivo óptico dentro do instrumento:



A implementação do método de normalização na concentração descrito na patente "Método para a prevenção de desastres e um dispositivo para implementá-lo.", produzido pela sobreposição de campos a partir da geração do sinal biológico, campos eletromagnéticos. Ao fator da psicologia, de acordo com a lei das relações universais, é adicionado o controlo para fins de concentração.

O instrumento funciona universalmente no desenvolvimento das seguintes concentrações para garantir a vida eterna:

Controlo 1:

O desenvolvimento das concentrações da vida eterna em qualquer evento.

Controlo 2:

O desenvolvimento das concentrações da vida eterna pela clarividência diretiva.

Controlo 3:

O desenvolvimento das concentrações da vida eterna de acordo com a previsão gerencial

Controlo 4:

O desenvolvimento das concentrações de rejuvenescimento da vida eterna.

Ao realizar as concentrações da vida eterna com a ajuda do dispositivo, é necessário dominar o desenvolvimento espiritual ou controlar a clarividência das tecnologias

implementadas. Ser capaz de fazer o mesmo, incluindo os processos de proteção e normalização da saúde, pelas concentrações da consciência.

Inventor do dispositivo PRK -1U: Grigorii Petrovich Grabovoi.

Fabricante do dispositivo: O Empreendedor individual "Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT", sob o fundamento de inscrição estadual a pessoa física Grigorii Grabovoi como um empreendedor individual "21" de setembro de 2015, nº 63983276 emitido pela Agência de Registro de Empresas da República da Sérvia.

Informações sobre certificados, patentes e marcas

O dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos foi testado pela sua compatibilidade eletromagnética nos laboratórios estatais Idvorsky Laboratories (<http://www.idvorsky.com/en/>) do instituto estatal Mihailo Pupin Institute (IMP) (<http://www.pupin.rs/en>), que é subordinado ao Ministério da Ciência da Sérvia.

Os testes do dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos pela compatibilidade eletromagnética foram efetuados nos laboratórios Idvorsky em pleno respeito da Diretiva Sobre a compatibilidade Eletromagnética da União Europeia. Portanto o significado obtido sobre os normais parâmetros do dispositivo PRK-1U emitido pelos Laboratórios Idvorsky nos sentidos das diretivas da União Europeia, em conformidade com a lei internacional consenti posicionar a marca CE sobre o dispositivo. Idvorsky Laboratories foi nominado pelo Ministério da Economia da Sérvia para emitir tais certificados pela venda dos dispositivos com tais características no quadro das diretivas da União Europeia, portanto, não existem restrições sobre o uso dos dispositivos PRK-1U na União Europeia.

O report dos Laboratórios Idvorsky em língua inglesa relativos ao teste do dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos com a conclusão que as características deste dispositivo satisfazem os standards da União Europeia, está incluído na caixa de embalagem do dispositivo, e pode ser encontrado no web site https://pr.grigori-grabovoi.world/images/PRK1U/Certificates/EMC_Test_Report_Idvorski_Lab_en.pdf.

O dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos passou por um teste de segurança completo nos laboratórios ANL e foi certificado pelo Instituto Vinca (<https://www.vin.bg.ac.rs>). Existe um maquiço CE na primeira página do relatório, que cobre todo o dispositivo conectado a uma tomada com um adaptador. A fotografia do dispositivo com a marca CE está na primeira página do relatório.

O relatório do laboratório ANL em inglês sobre a verificação do dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos, que conclui que as características deste dispositivo atendem às normas da União Europeia, está disponível em https://pr.grigori-grabovoi.world/images/PRK1U/Certificates/Test_Report_AN_LAB_CO.pdf.

Este site também é indicado no painel traseiro do dispositivo.

Os certificados obtidos em base aos relatórios se encontram nas paginas do site:
<https://pr.grigori-grabovoi.world/index.php/certificates-of-compliance-prk-1u>

Grigorii Petrovich Grabovoi recebeu a seguinte patente para a sua invenção "Dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos" do Instituto de Patentes e Marcas dos Estados Unidos em 19 de novembro de 2024, com data de prioridade de 9 de julho de 2018. Informação sobre a patente da invenção no site do Instituto de Patentes e Marcas dos Estados Unidos:
<https://patentcenter.uspto.gov/applications/16504293>.

As informações sobre invenções, em base as quais foi criado o dispositivo, se encontram na inscrição sobre o dispositivo com os números de proteção da patente: «Manufactured under invention patents: US 12,144,599 B2; 2148845; 2163419.».

O dispositivo é fabricado com o uso das marcas GRABOVOI® e GRIGORI GRABOVOI®.

Evidência de operabilidade de PRK-1U

Sobre a questão da operacionalidade do dispositivo para o desenvolvimento de concentrações de PRK-1U, é relatado que a operacionalidade deste dispositivo para o desenvolvimento de concentrações de vida eterna é objetivamente estabelecida pelo seguinte:

1. Teoria física e matemática, cálculos matemáticos, resultados de experimentos confirmados por um grande número de doutores em Ciências Físicas e Matemáticas e Técnicas que faziam parte do Conselho Editorial da revista "Electronic Technology" e publicados nesta revista: <https://licenzija8.wordpress.com/science/>

2. Patentes para invenções de Grigori Grabovoi: <https://licenzija8.wordpress.com/patents/> , <https://grigori-grabovoi.tech/patents-pt>

3. Os protocolos de teste de vídeo do dispositivo com bons resultados do sistema, que realizaram todos os 128 participantes inscritos para participarem no teste, sem exceção: <https://pr.grigori-grabovoi.world/index.php/technical-devices/video-testimonials>

4. Protocolos de testes bem sucedidos assinados do instrumento: <http://pr.grigori-grabovoi.world/index.php/technical-devices/written-testimonials>

5. Mais de oito anos, com centenas de testes e operação do instrumento sem resultados negativos, com inúmeros resultados positivos: <https://grigori-grabovoi.tech/prk1u-results-pt>.

Resultados da aplicação do dispositivo do desenvolvimento das concentrações da vida eterna PRK-1U

Uma breve coleção dos resultados da aplicação do dispositivo para o desenvolvimento das concentrações da vida eterna PRK-1U. Parte 1 e parte 2 podem ser baixadas no link:

<https://pr.grigori-grabovoi.world/index.php/technical-devices/testimonies-prk-1u>
<http://educenter.grigori-grabovoi.world/course/index.php?categoryid=30>

Os resultados da utilização do dispositivo, traduzidos em diferentes línguas, podem ser lidos na ligação <https://grigori-grabovoi.tech/prk1u-results-pt>

Procedimentos de funcionamento com o dispositivo do desenvolvimento das concentrações da vida eterna PRK-1U

Os métodos de aplicação consistem no fato de que em um intervalo de tempo de 1 a 3 minutos e, se necessário, mais, a concentração é realizada de acordo com o objetivo dos controles 1, 2, 3, 4 sem o dispositivo ligado e com o dispositivo ligado. Os resultados são comparados em termos do efeito do desenvolvimento das concentrações que garantem a vida eterna. Este efeito é usado para o desenvolvimento de concentrações de acordo com os controles especificados através do uso repetido do dispositivo.

1. Desenvolvimento de concentrações de vida eterna para a rejuvenescimento

1.1 É possível focar no auto rejuvenescimento e depois no rejuvenescimento de outras pessoas. Se você pensa que é jovem e não precisa rejuvenescer no momento, será necessário praticar essa concentração como treinamento, para que, no futuro, quando você quiser rejuvenescer, você já saiba como fazê-lo.

Método:

Durante essa concentração, você pode visualizar-se na idade desejada e, no decorrer da concentração, sentir até o ponto em que realmente se percebe sendo dessa idade.

1.2 Até os jovens precisam praticar essa concentração - tendo em vista o futuro, para poder rejuvenescer a qualquer idade. Isso significa que precisamos aprender quando somos jovens. Nesta concentração, você deve concentrar sua atenção na coluna. E perto da coluna, visualize o número 498. Dessa forma, você precisa se rejuvenescer com a ajuda do brilho desses números. Em outras palavras, a luz dos números entra na coluna e, através da coluna, você deve se rejuvenescer. Totalmente.

1.3 A matéria da vida eterna gerada pelo dispositivo sai do espaço entre as lentes. É emitido a partir do espaço entre as lentes. Você deve trazer a matéria da vida eterna para a área coccígea da coluna vertebral, para que a matéria da vida eterna suba ao cérebro e, simultaneamente, outra quantidade dessa matéria, proveniente das pequenas lentes, entre pelo olho direito e pelo olho esquerdo para se juntar a matéria que vem do cóccix, formando um circuito fechado.

1.4 Leva a matéria da vida eterna do espaço central entre as lentes diretamente para o cérebro. De lá para a medula óssea dos membros. E através da medula óssea - para todas as células do corpo.

2. Desenvolvimento de concentrações de vida eterna para qualquer evento.

2.1 - Primeiro você deve se concentrar em um ponto ou área localizada do seu corpo, para o ajuste da norma.

- Em seguida, a mesma concentração também pode ser realizada para outras áreas do corpo.

- Depois você pode se concentrar em qualquer evento.

2.2 Nesta concentração, você deve transferir um elemento de sua consciência para o futuro infinito e, a partir desse futuro infinito, ver que os eventos que você planejou se tornaram realidade. Por exemplo, você olha o passado a partir do presente e lá os eventos desejados aconteceram da maneira que você queria que eles acontecessem - e o mesmo aqui: você olha do futuro para o passado, que é o presente, mas com relação ao futuro, é o passado. Ou, se levamos em conta um futuro mais distante, também temos os dois: o futuro e, ao mesmo tempo, o passado em relação ao futuro próximo. Então, é como se você olhasse para trás. Olhar para trás a partir do futuro infinito e ver que seus eventos desejados foram realizados.

3. Desenvolvimento de concentrações de vida eterna para a clarividência de controle.

Primeiro, você precisa usar a clarividência de controle para ver, no presente, a sala ou o local onde você esteve ou visitou algumas horas antes. Então você pode usar o controle da clarividência para qualquer elemento. É aconselhável trabalhar para uma meta que você realmente deseja alcançar.

Recomendações:

Ao observar eventos durante a concentração na clarividência de controle, você pode corrigir, melhorar eventos ao mesmo tempo, se necessário, pois a clarividência de controle difere da clarividência habitual, pois se for usado para ver eventos, corrige e melhora, se necessário, os eventos para garantir a vida eterna.

4. Desenvolvimento de concentrações de vida eterna para a previsão de controle

A concentração da previsão de controle também deve incluir o seguinte objetivo de controle: com a ajuda do dispositivo, desenvolva sua consciência e espírito para que, no final, você possa ficar sem o dispositivo, usando apenas seu espírito e consciência desenvolvidos.

Método

Nesta concentração, é necessário que você veja seu futuro infinito, seu futuro eterno e, nesse futuro eterno, digamos, daqui a um milhão de anos, basicamente, em qualquer ponto do futuro infinito, especificamente alguns dos eventos que lhe dizem respeito. Veja o que você está fazendo lá. Além disso, a partir de agora você deve examinar a estrutura de suas células, isto é, as células de seu organismo, as funções do organismo - examiná-las e garantir que tudo corra normal nesse futuro infinito. É melhor criar a norma imediatamente, no tempo presente.

Outros métodos de trabalho com o PRK-1U estão localizados na internet na página:

<http://educenter.grigori-grabovoi.world/course/index.php?categoryid=29>

Bases para o custo do contrato de sublicenciamento para o Programa de Ensino com o dispositivo PRK-1U

De acordo com o contrato oferece-se a seguinte informação sobre a propriedade intelectual: o uso da propriedade intelectual inclui:

- Todos os materiais do Programa de Ensino em idiomas diferentes em um cartão flash;
- A montagem do dispositivo PRK-1U com os dados ópticos individuais;
- A concessão do direito de usar o PRK-1U por 4 anos e posteriormente no recurso existente ou com renovação após 4 anos sob um acordo adicional;
- A concessão de direitos de uso da web conta com o PRK-1U duplicado e reforçado;
- O fornecimento de 4 anos de acesso à Biblioteca do Centro Educacional, que contém todos os materiais do Programa de Ensino e que constantemente são carregados todos os materiais novos de Grigori Grabovoi.

O custo dos materiais carregados em um cartão flash, ao preço pelo qual são vendidos com sucesso por vários anos na Amazon, em lojas on-line www.ggrig.com, www.grigori-grabovoi.center, ou seja, o valor de mercado real dos materiais do Programa de Ensino é de 10.280 euros. (informações na época de 2016, agora o custo dos materiais é maior).

Relatórios de vendas da Amazon

<https://drive.google.com/file/d/1tYFMiSVfmsK3zDP1rskYdwUMjg-MEWQw/view>

O acesso à Biblioteca do Centro Educacional por 4 anos é avaliado por um preço comparável. Desde as vendas realizadas no site www.grigori-grabovoi.world há informações de que a assinatura anual para a Biblioteca do Centro Educacional custa 2.500 euros, o valor da Assinatura por 4 anos é, respectivamente, 10.000 euros.

Faturas de pagamento de acesso à biblioteca e extrato bancário indicando que as faturas foram pagas

<https://drive.google.com/file/d/1MTZrQcUI6xAh6NJTXARy48BxEGA7Stzf/view>

A montagem do dispositivo PRK-1U com dados ópticos individuais, a concessão do direito de usar o PRK-1U por 4 anos e além, bem como a concessão do direito de usar uma conta na web com o dispositivo de duplicação e amplificação PRK-1U por 4 anos contém custos comparáveis. Esses custos contêm o custo de mão-de-obra para cálculo físico-matemático, programação, custo de componentes, custo de fornecimento, montagem e outros trabalhos. No total, um preço comparável é obtido.

Assim, para o custo do contrato, é fornecido um pacote que custa muitas vezes mais, levando em consideração as constantes atualizações da Biblioteca do Centro Educacional e a capacidade de adicionar modificações ao dispositivo.

De acordo com a abordagem do especialista para a avaliação da propriedade intelectual de B. B. Leontiev, o seguinte é estabelecido:

Qualquer objeto de propriedade intelectual deve ser entendido como um sistema de conhecimento independente e integrado aos negócios. Cada propriedade de um objeto de combina qualidade, permitem fazer a distincao nao apenas pelo seu tipo e categoria como a propriedade intelectual, patentes, know-how, a transferência de tecnologia, regulamentada pelos artigos do código civil, mais também a sua identificação sob o ponto de vista jurídico e levando em conta o montante dos benefícios obtidos. Qualquer resultado qualitativo da atividade intelectual no campo das Relações Públicas torna-se objeto de propriedade intelectual, que possui pelo menos três grupos de critérios: técnico (ou artístico), legal e econômico.

Inicialmente, o objeto de propriedade é caracterizado por conteúdo técnico de qualidade, o que permite avaliá-lo em termos de uso funcional. Estas são qualidades técnicas básicas: adequação funcional, desgaste, recurso. A adequação de todas as obras de Grigori Petrovich Grabovoi é comprovada pelos resultados do trabalho, elaborado em protocolo e estabelecido no livro de três volumes "Prática do controle. O caminho da salvação." O desgaste de obras de Грабо́рово Gregory Petrovich em termos de re-leitura não é significativo, pois há numerosas evidências de que, com a leitura repetida das suas obras se pode assimilar mais profundamente as tecnologias contidas. Isso ocorre em conexão com a ideologia e a prática de garantir a vida eterna para todos colocada nos textos das obras de Grigori Petrovich Grabovoi, quando a obra traz o resultado de garantir a vida eterna, sem limite de tempo. Esse fato também provou que as obras de Grigori Petrovich Grabovoi têm um recurso infinito.

A conformidade do dispositivo do desenvolvimento das concentrações PRK-1U é ajustada como segue:

1. Consulte a seção "Informações de desempenho do instrumento" deste folheto.
2. O desgaste do dispositivo no desenvolvimento das concentrações de PRK-1U em conexão com os materiais utilizados é insignificante.
3. A vida útil do dispositivo de desenvolvimento de concentrações PRK-1u é ilimitada no tempo, uma vez que o dispositivo desenvolve concentrações com base no nível atual de desenvolvimento de concentrações durante a aplicação do dispositivo.
4. Além disso, o objeto de propriedade é caracterizado por critérios espaço-temporais no campo do direito e da economia. As relações econômico-legais aqui são interdependentes e é impraticável considerá-las separadamente.

No campo do direito, a característica espacial é o território de ação, o tempo é o período de validade, que determina os parâmetros da rotatividade civil desse objeto de direito. A principal característica legal de um objeto de propriedade é a qualidade da proteção legal, da qual deriva o potencial de proteção de qualidade. Quanto mais alta a proteção legal for fornecida, mais eficaz será a proteção contra usuários inescrupulosos por esse objeto de propriedade. A proteção é colocada no estágio de criação do objeto e reforçada no estágio de seu uso. No entanto, os objetos de propriedade mais atraentes geralmente precisam ser protegidos contra invasões já na fase de criação, mas na maioria das vezes, na fase de uso. O modo espaço-temporal de proteção e proteção é mais relevante, quanto mais qualitativo o conteúdo do próprio objeto de propriedade, ou seja, mais eficaz é seu conteúdo técnico, que é sempre primário. Portanto, engenheiros e cientistas altamente qualificados devem trabalhar em contato com cientistas de patentes altamente qualificados, advogados de patentes e advogados, para que a alta qualidade técnica corresponda à alta qualidade legal da proteção à qual esse objeto é dotado. O marco jurídico do objeto de propriedade, expresso pelos regimes de proteção e proteção do objeto, personifica nele a idéia de Justiça.

Como mostram os fatos, Grigori Petrovich Grabovoi levou em conta os dados apresentados, protegendo sua propriedade intelectual.

Obras de Grigori Petrovich Grabovoi são protegidas pela sua inscrição em diferentes estruturas de registro de direitos autorais, incluindo o Escritório de Registro de Direitos Autorais da Biblioteca do Congresso dos EUA: TJ 7-324-403 a partir de 06 de fevereiro de 2008, Thi 1-607-600 a partir de 08 de fevereiro de 2008, o TJ 7-049-203 de 12 de fevereiro de 2008, o TJ 6-975-628, de 13 de fevereiro de 2008 (vista de dados no site oficial na internet: TX0006975628/2008-02-13), TXu 1 - 789-751 a partir de 25 de julho de 2011. Endereço do site oficial, Escritório de Direitos Autorais da Biblioteca do Congresso dos EUA contendo dados de registro www.cocatalog.loc.gov O endereço do

Modelo de contrato-instruções para o direito de organizar contratos de sublicenciamento para o Programa de Ensino com o dispositivo PRK-1U

UGOVOR O NALOGU broj ____ Beograd « ____ » ____ 2016.	CONTRATO DE ORDEM número ____ Belgrado « ____ » ____ 2016.
Individualni preduzetnik «Grigorij Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT», koji obavlja svoju delatnot na osnovu potvrde o državnoj registraciji fizičkog lica Grigorij 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:	O Empresário individual «Grigorij Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT», que executa a sua atividade com fundamento no certificado sobre inscrição estadual da pessoa física Grigorij Grabovoi como empresário individual de 21 de setembro de 2015 número 63983276 emitido da parte da Agencia para registros comerciais da República da Sérvia, daqui adiante „Emissor da ordem“ de um lado e _____ _____ _____ _____ daqui adiante «Recebedor da ordem », do outro lado, juntos daqui adiante as Partes, concluíram este contrato legal civil, como segue :
1. PREDMET UGOVORA	1. OBJECTO DO CONTRATO
1.1. Davalac naloga daje nalog, a Primalac naloga se obavezuje da u ime Davaoca naloga izvrši sledeće:	1.1. O Emissor da ordem emite a ordem, e o Recebedor da ordem obriga-se de executar , em nome do Emissor da ordem, o seguinte :
1.1.1. Da organizuje plasman i potpisivanje ugovora o sublicenci za korišćenje Obrazovnog Programa po Učenju Grigorija Grabovoja sa uređajem za razvoj koncentracija PRK-1U.	1.1.1. Organizar o marketing e assinatura de contratos de sublicença para o uso do Programa de estudos conforme o Estudo de Grigori Grabovoi, com o dispositivo para desenvolvimento de concentração 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. Fazer traduções, realizar testes de PRK-1U, efetuar consultas com o Usuário da sublicença até o cumprimento das condições deste contrto, organizar pagamentos .
1.1.3. Da pronalazi fizička i pravna lica – potencijalne Korisnike podlicence preko Internet resursa i na druge načine.	1.1.3. Achar pessoas singulares e colectivas – potenciais Usuários da sublicença através dos recursos da Internet e de outras maneiras.
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	1.1.4. Organizar a assinatura do Contrato de sublicença com o Emissor da ordem para o uso das obras de Grigori Grabovoi para execução de seminários e sua emissão para o uso de suas marcas

robnih znakova GRABOVOI® i GRIGORI GRABOVOI®.	registradas GRABOVOI® i GRIGORI GRABOVOI®.
1.2. Da redovno i ažurno predaje izveštaje Davaocu naloga o svome tekucem radu i o rezultatima toga rada. Da za realizaciju ugovora o podlicenci snosi solidarnu odgovornost sa Davaocem naloga, koji nastupa kao Davalac podlicence, proporcionalnu isplatu Primaocu naloga.	1.2. Apresentar regularmente actualizados relatórios ao Emissor da Ordem sobre o seu trabalho e resultados do mesmo. Ser responsável para a realização do Contrato de sublicença solidariamente com o Emissor da ordem, que atua como Emissor da sublicença, proporcionalmente aos pagamentos ao Recebedor da ordem.
2. PRAVA I OBAVEZE STRANA	2. DIREITOS E OBRIGAÇÕES DAS PARTES
2.1. Davalac naloga zadržava pravo da sklapa ugovore o nalogu sa trećim licima.	2.1. O Emissor da ordem mantém o direito de concluir contratos de ordem com terceiros.
2.2. Primalac naloga ima pravo da realizuje nalog koji mu je dat po ovom ugovoru na teritoriji zemalja Evropske Unije: 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.	2.2. O recebedor da ordem tem o direito de realizar a ordem dada com fundamento neste contrato no território dos países da União Europeia: Bélgica, República Federal da Alemanha, Itália, Luxemburgo, Países Baixos, França, Grã-Bretanha, Dinamarca, Irlanda, Grécia, Portugal, Espanha, Áustria, Finlândia, Suécia, Hungaria, Chipre, Letónia, Latvia, Malta, Polónia, Eslováquia, Eslovénia, República Checa, Estónia, Bulgária, Roménia, Croácia, como também Sérvia, EUA, América do Sul, Índia, Japão, China e Austrália.
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. O Emissor da ordem obriga-se, se for necessário, a dar ao Recebedor da ordem procuração para executar os atos previstos na cláusula 1.1 deste contrato.
3. CENA USLUGA I NAČIN ISPLATE	3. PREÇO DOS SERVIÇOS E MANEIRA DE PAGAMENTO
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. A remuneração do Recebedor da ordem é 10%, impostos e contribuições incluídos, do rendimento do Emissor da ordem de todos os contratos de sublicença, realizados através do Recebedor da ordem. O pagamento da remuneração será feito depois do cumprimento das condições do contrato de sublicença.
4. ROK VAŽENJA UGOVORA I NAČIN NJEGOVOG RASKIDA	4. PRAZO DE VALIDADE DO CONTRATO E MANEIRA DE SUA RESCISÃO
4.1. Ovaj Ugovor stupa na snagu od momenta njegovog zaključivanja i važi tri godine.	4.1. Este contrato passa a vigorar na data de assinatura e vigorará três anos.
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. Este Acordo poderá ser rescindido antes do fim da validade de acordo comum das Partes, a requerimento de uma das Partes, se a outra Parte violar essencialmente as provisões deste Contrato e em outros casos previstos pelas leis vigentes.
5. ODGOVORNOST STRANA	5. RESPONSABILIDADE DAS PARTES
5.1. Pitanja nastala tumačenjem i primenom ovog ugovora koja nisu regulisana ovim ugovorom regulišu se na osnovu važećih zakona.	5.1. Os assuntos ligados a interpretação e aplicação deste contrato que não são regulados com este contrato, serão regulados com fundamento nas leis vigentes.
5.2. Prilikom promene podataka, sedišta, bankarskih rekvizita svaka od strana je obavezna da drugu stranu o tome obavesti.	5.2. Sobre a alteração de dados, sede e requisitos bancários, cada parte tem a obrigação de informar a outra parte.
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	5.3. Todas as alterações e anexos deste Contrato serão feitos em escrito e devem ser assinados pelos representantes autorizados das Partes.

Strana.	
5.4. Uslovi ovog ugovora i dopunskih sporazuma uz njega predstavljaju poslovnu tajnu.	5.4. As condições deste contrato e acordos adicionais dele representam segredo comercial.
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. Depois da assinatura deste Contrato, toda a correspondência e acordos anteriores não terão mais força legal, se não são mencionados neste Contrato.
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. Este Contrato é feito em duas vias, cada uma tendo a mesma força legal. Uma via fica com o Emissor da ordem e a outra com o Recebedor da orde.
6. ADRESE, REKVIZITI I POTPISI STRANA	6. ENDEREÇOS, REQUISITOS E ASSINATURAS DA PARTES
Davalac naloga:	Emissor da ordem:
Individualni preduzetnik Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT	Empresário individual Grigorii Grabovoi PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Adresa:	Endereço :
11102, Ulica Kneza Mihaila 21A, lok.113, Beograd, Srbija	11102, Rua Kneza Mihaila 21A, lok.113, Beograd, Srbija
E-mail: grigorii.grabovoi.pr@gmail.com	E-mail: grigorii.grabovoi.pr@gmail.com
Rekviziti banke:	Requisitos do banco:
_____	_____
_____	_____
_____	_____
Primalac naloga:	Recebedor da ordem:
_____	_____
_____	_____
_____	_____
Adresa:	Endereço:
_____	_____
_____	_____
_____	_____
E-mail:	E-mail:
Skype:	Skype:
Pasoš:	Passaporte:
_____	_____
_____	_____
_____	_____
Rekviziti banke:	Requisitos do banco:
_____	_____
_____	_____
_____	_____
POTPISI STRANA:	ASSINATURAS DAS PARTES:
Davalac naloga:	Emissor da ordem:
_____/Grigorii Grabovoi/	_____/Grigorii Grabovoi/
Primalac naloga:	Recebedor da ordem:
_____/_____/	_____/_____/

Você pode usar o dispositivo PRK-1U e sua conta individual associada 24 horas por dia para testar e usar o dispositivo por 90 minutos por pessoas que não estão na lista de sublicenciados. Mas, ao mesmo tempo, declarar 3 dias antes do teste sobre os participantes no correio grigorii.grabovoi.pr@gmail.com (cópia da carta para o correio grigorii.grabovoi.pr2@gmail.com).

O nome do Participante, a data de nascimento e a data do teste devem ser fornecidos.

As condições financeiras dos testes de longo prazo podem ser encontradas enviando uma solicitação para o correio grigorii.grabovoi.pr@gmail.com . testes de até 8 minutos podem ser realizados sem pagamento. Testes e aplicações pagos e gratuitos do dispositivo podem ser realizados com o objetivo de fornecer o uso do dispositivo a outras pessoas, promover e celebrar contratos de sublicenciamento para o uso do Programa de treinamento com o PRK-1U.

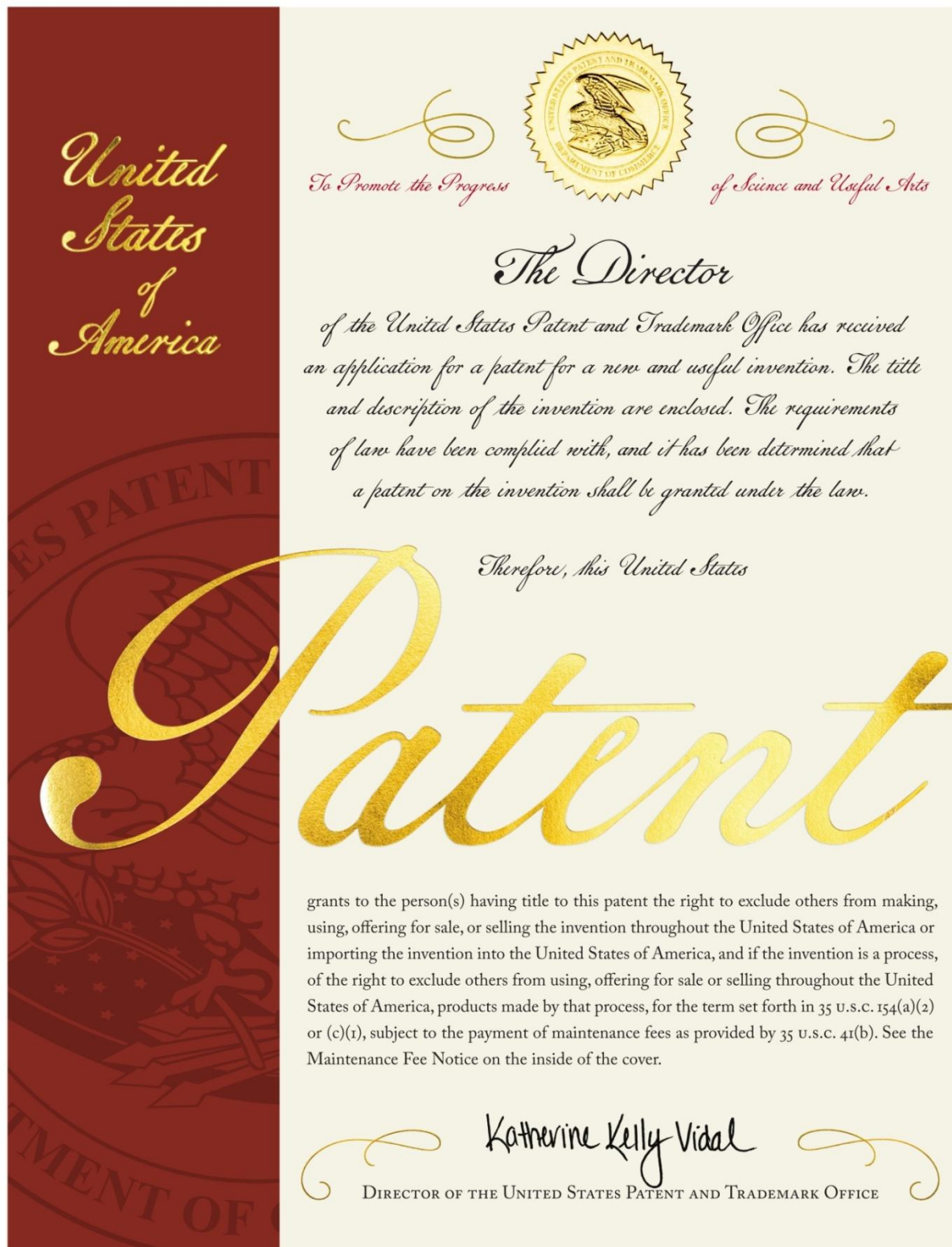
Fotocópias da patente "Método de prevenção de desastres e dispositivo para implementá-lo" e da patente "Sistema de transmissão de informações"





Informações detalhadas sobre patentes com uma descrição estão disponíveis no site <https://licenzija8.wordpress.com/patents/>

Patente "Dispositivo de desenvolvimento de concentrações de vida eterna PRK-1U de três modos"



Maintenance Fee Notice

If the application for this patent was filed on or after December 12, 1980, maintenance fees are due three years and six months, seven years and six months, and eleven years and six months after the date of this grant, or within a grace period of six months thereafter upon payment of a surcharge as provided by law. The amount, number and timing of the maintenance fees required may be changed by law or regulation. Unless payment of the applicable maintenance fee is received in the United States Patent and Trademark Office on or before the date the fee is due or within a grace period of six months thereafter, the patent will expire as of the end of such grace period.

Patent Term Notice

If the application for this patent was filed on or after June 8, 1995, the term of this patent begins on the date on which this patent issues and ends twenty years from the filing date of the application or, if the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121, 365(c), or 386(c), twenty years from the filing date of the earliest such application ("the twenty-year term"), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b), and any extension as provided by 35 U.S.C. 154(b) or 156 or any disclaimer under 35 U.S.C. 253.

If this application was filed prior to June 8, 1995, the term of this patent begins on the date on which this patent issues and ends on the later of seventeen years from the date of the grant of this patent or the twenty-year term set forth above for patents resulting from applications filed on or after June 8, 1995, subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b) and any extension as provided by 35 U.S.C. 156 or any disclaimer under 35 U.S.C. 253.



US012144599B2

(12) **United States Patent**
Grabovoi

(10) **Patent No.:** **US 12,144,599 B2**
(45) **Date of Patent:** **Nov. 19, 2024**

(54) **DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1U IS OF THREE-MODES**

(71) Applicant: **Grigorii Petrovich Grabovoi**, Belgrade (RS)

(72) Inventor: **Grigorii Petrovich Grabovoi**, Belgrade (RS)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 718 days.

(21) Appl. No.: **16/504,293**

(22) Filed: **Jul. 7, 2019**

(65) **Prior Publication Data**
US 2020/0008700 A1 Jan. 9, 2020

Related U.S. Application Data
(60) Provisional application No. 62/695,756, filed on Jul. 9, 2018.

(51) **Int. Cl.**
A61B 5/05 (2021.01)
A61B 5/00 (2006.01)
A61M 21/00 (2006.01)
G09B 19/00 (2006.01)

(52) **U.S. Cl.**
CPC **A61B 5/05** (2013.01); **A61B 5/0059** (2013.01); **G09B 19/00** (2013.01); **A61M 21/00** (2013.01)

(58) **Field of Classification Search**

CPC ... A61B 5/05-055; A61B 5/168; A61B 5/486; A61B 5/4064; A61B 5/4854; A61B 5/242; A61M 21/00-02; A61M 2205/3303-3306; A61M 2205/583; A61M 2230/00

See application file for complete search history.

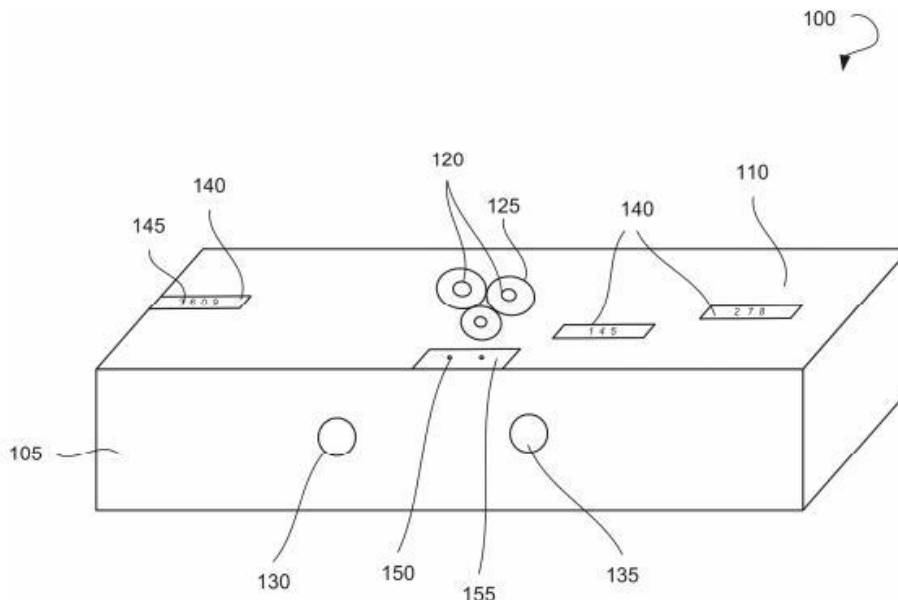
Primary Examiner — Thaddeus B Cox

(74) *Attorney, Agent, or Firm* — Georgiy L. Khayet

(57) **ABSTRACT**

Devices and methods for development of concentration are described herein. A three-mode device for development of concentration may include an optical sensing unit. The optical sensing unit may include a plurality of sensitive elements configured to sense a signal provided by a user. The signal may be associated with a plurality of electromagnetic fields. The plurality of sensitive elements may be configured to impose the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The device may further include an optical emitting unit configured to emit the outgoing signal and one or more lenses for focusing concentration of the user. The one or more lenses may be associated with the optical sensing unit. The device may further include two switches for switching between a plurality of operation modes and a lighting unit to indicate each of the plurality of operation modes by emitting a predetermined light signal.

15 Claims, 10 Drawing Sheets



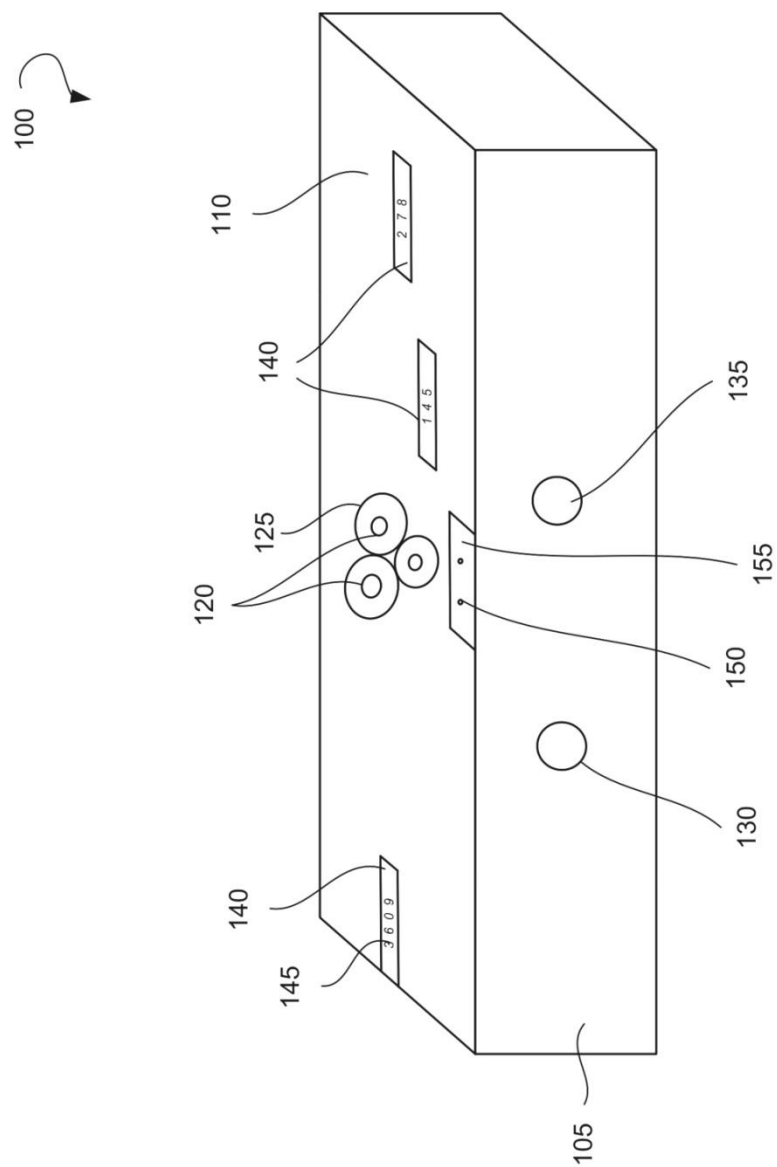


FIG. 1

200

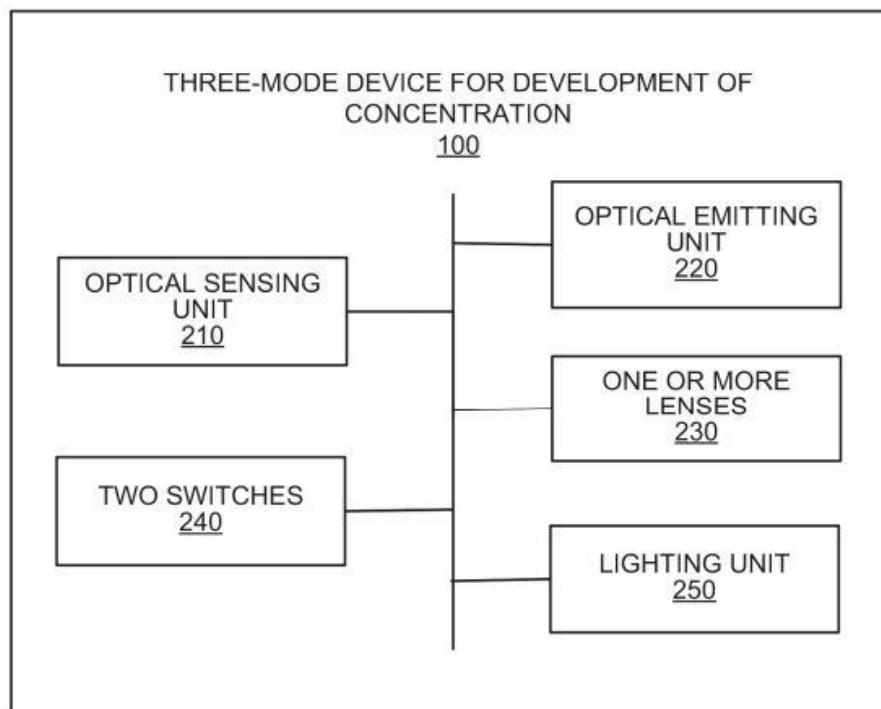


FIG. 2

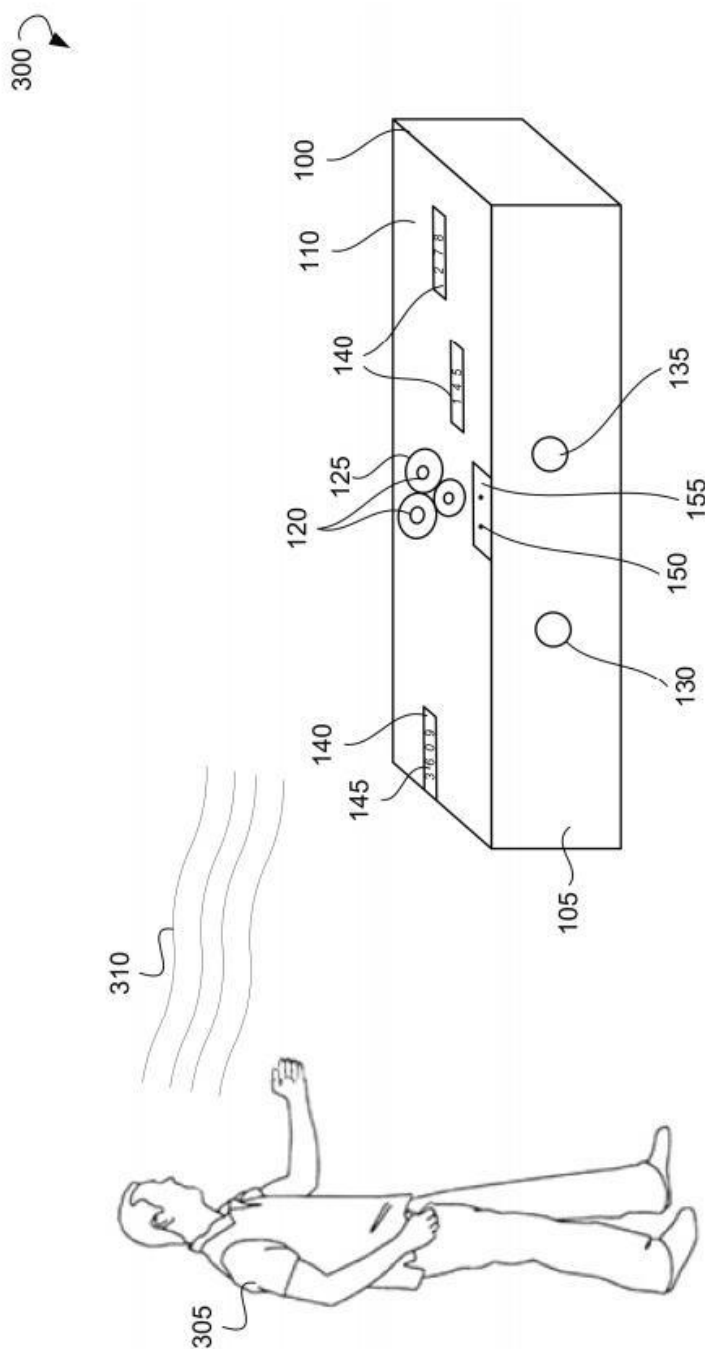


FIG. 3

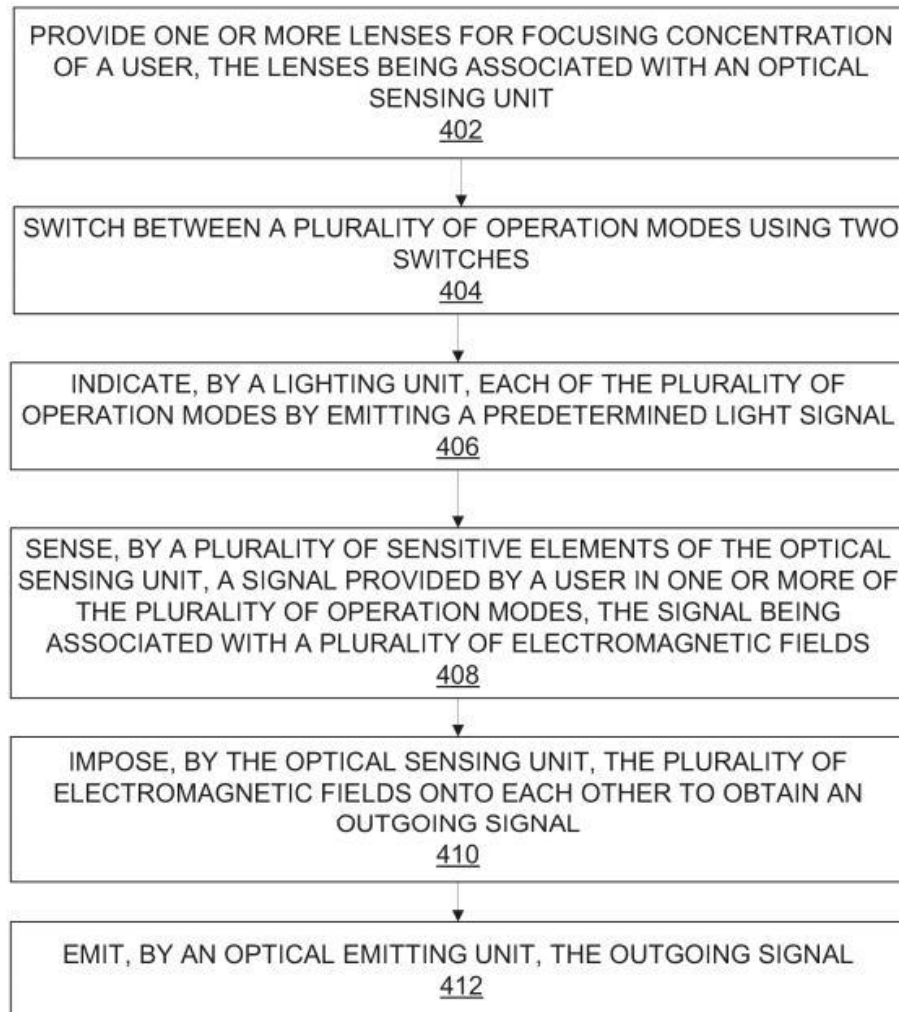
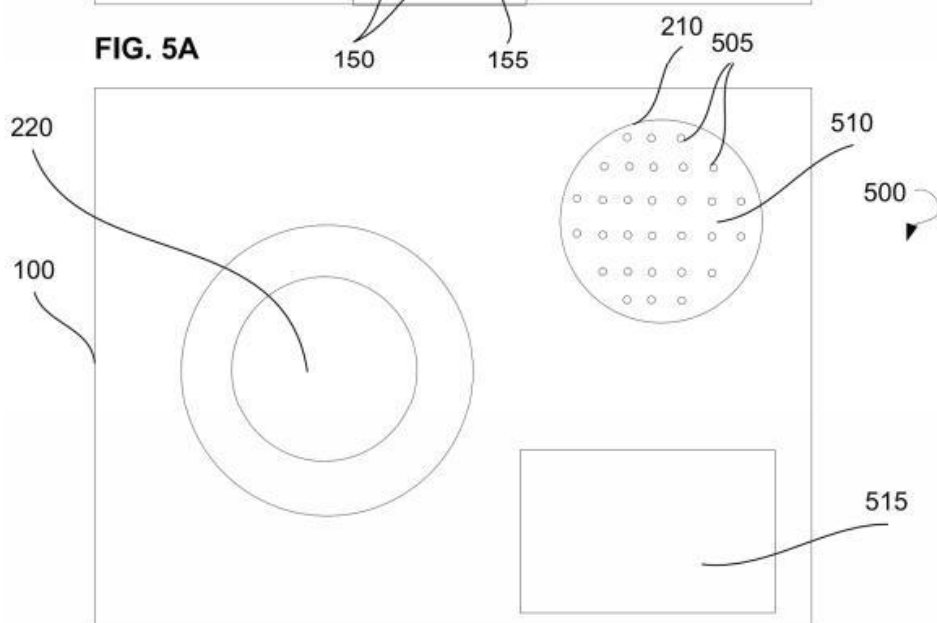
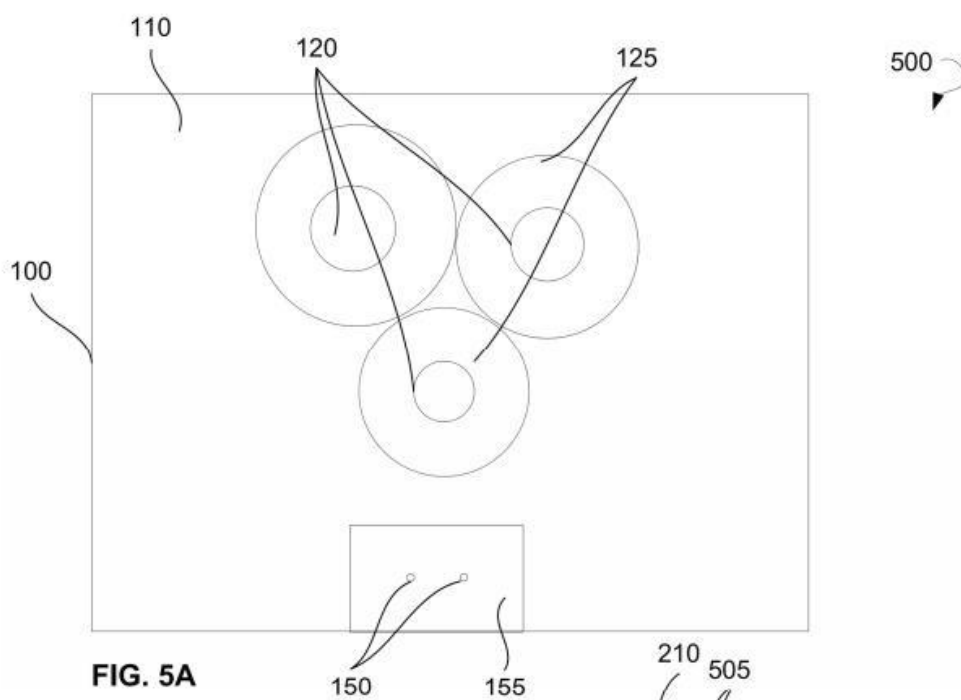
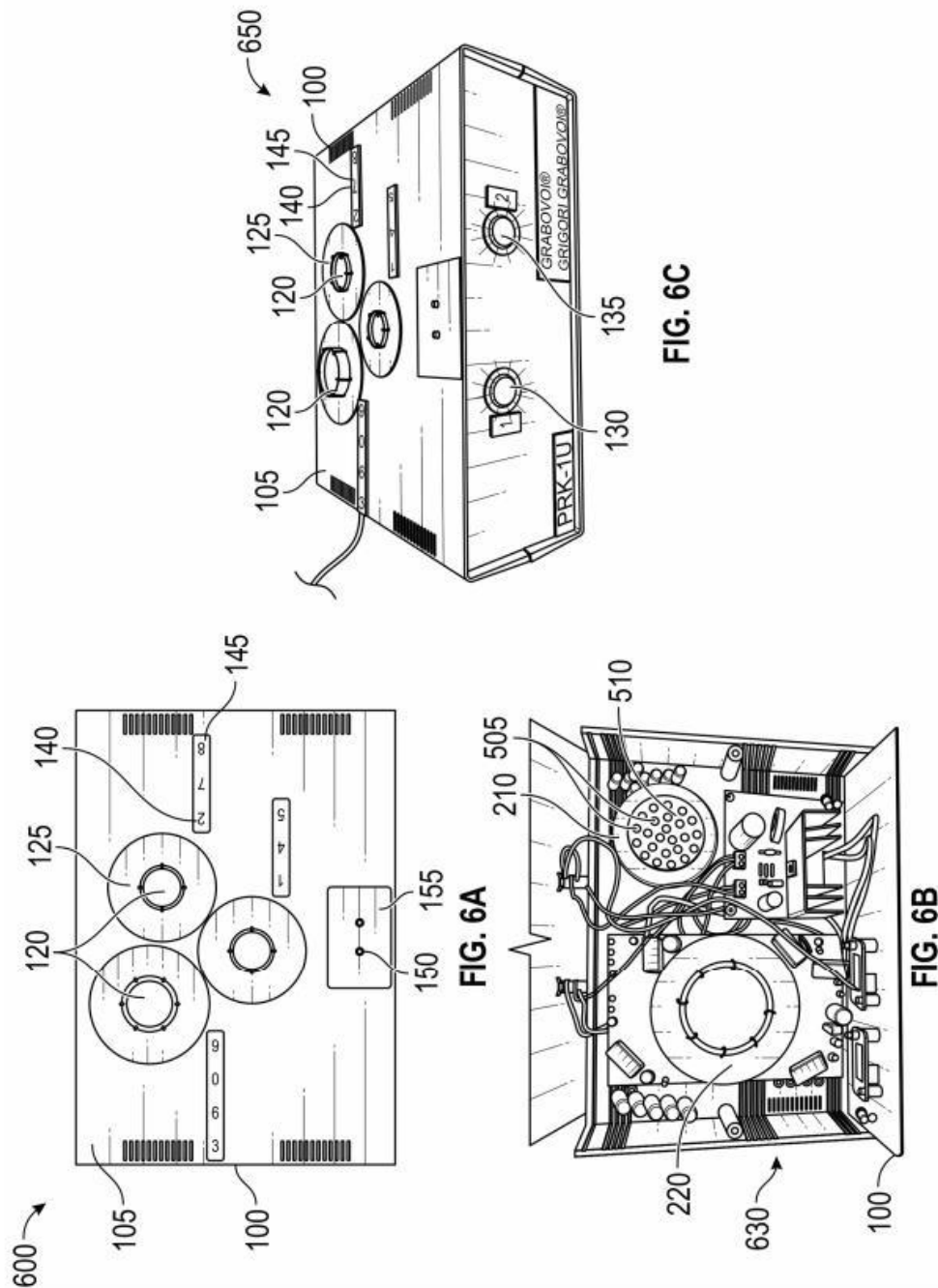
400


FIG. 4





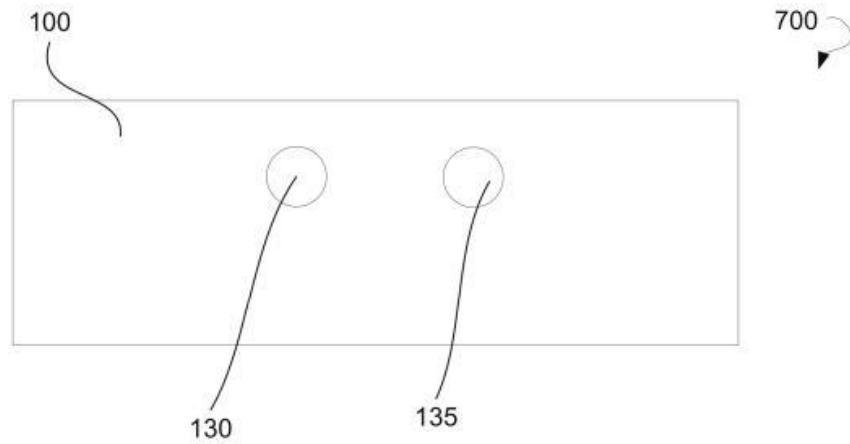


FIG. 7A

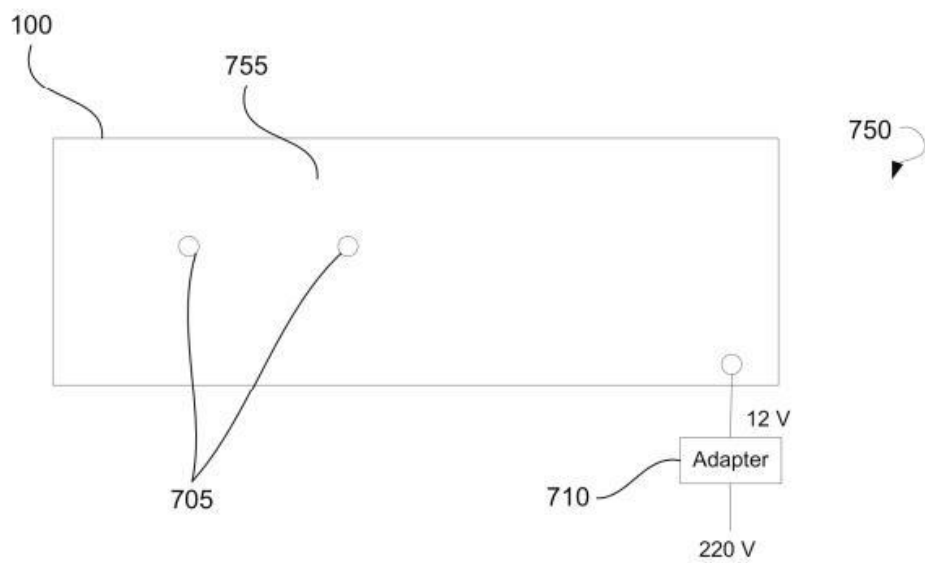


FIG. 7B

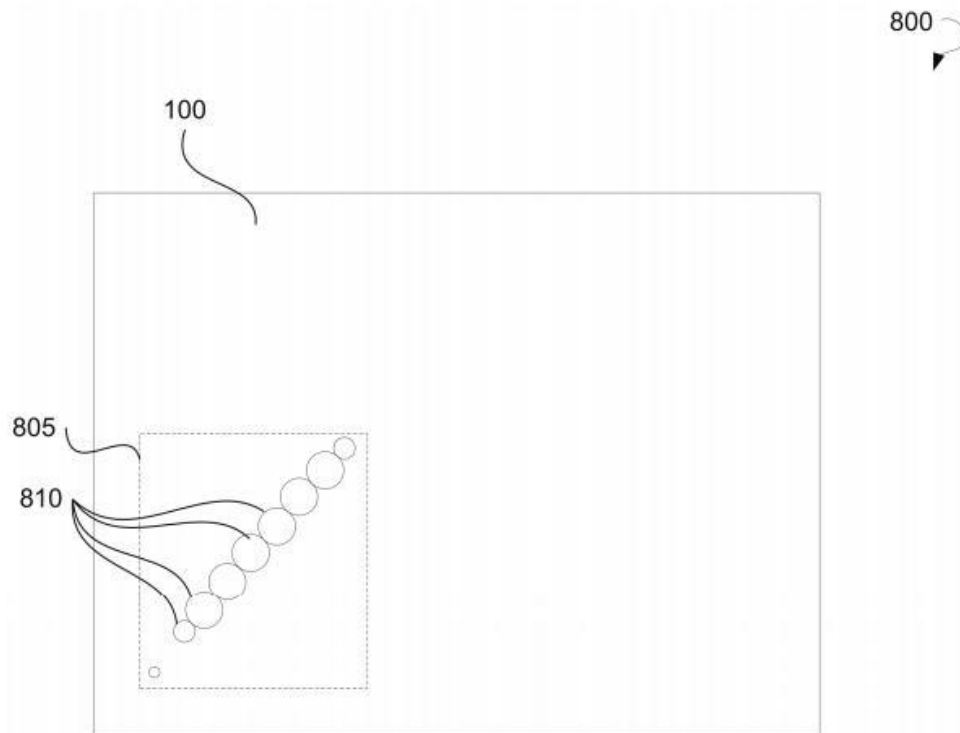


FIG. 8

900

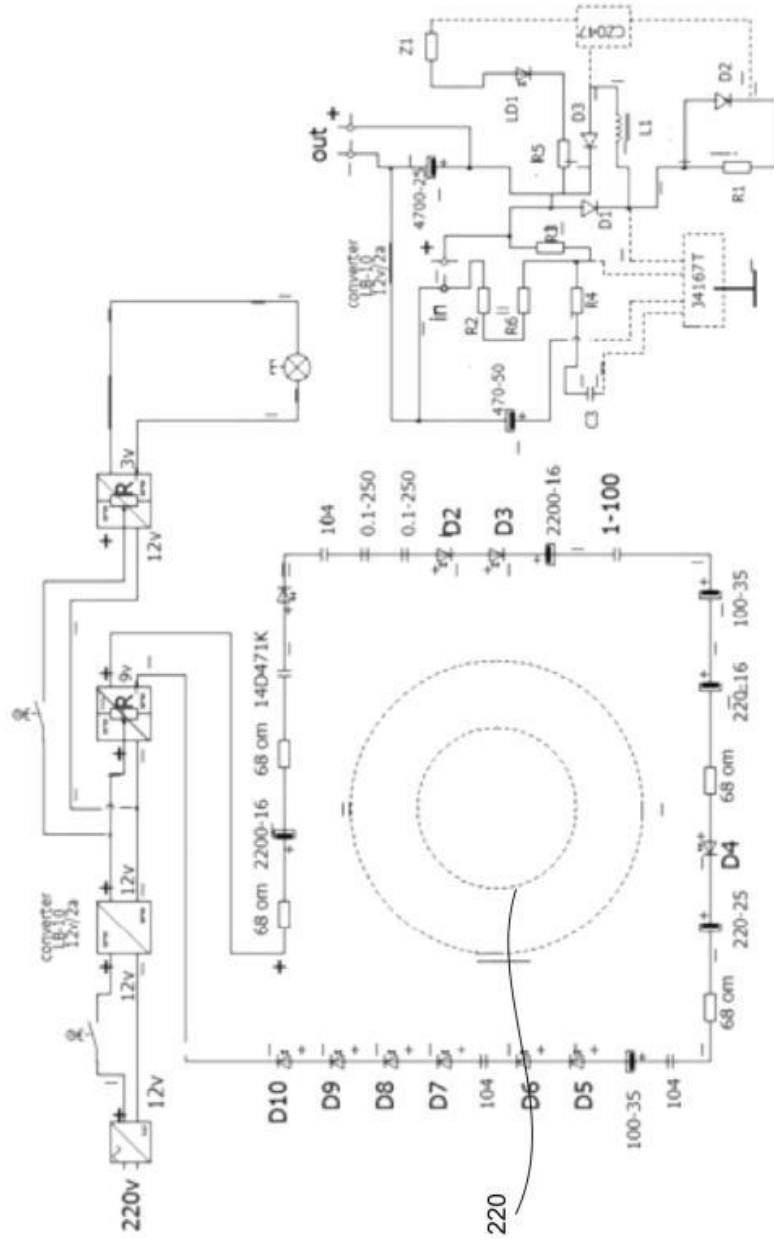


FIG. 9

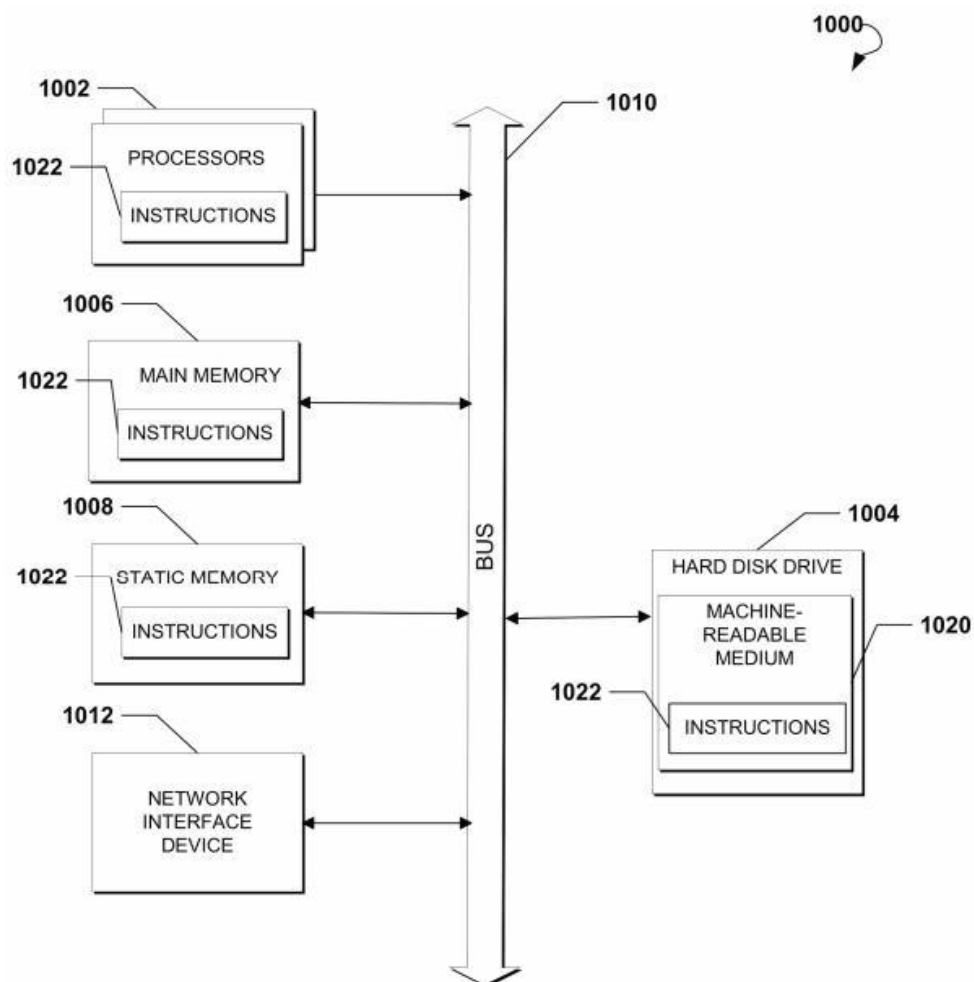


FIG. 10

1

DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1U IS OF THREE-MODES

CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims priority of U.S. Provisional Patent Application No. 62/695,756 filed on Jul. 9, 2018, entitled "DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1U IS OF THREE-MODES," which is incorporated herein by reference in its entirety.

TECHNICAL FIELD

The present disclosure relates generally to optical devices and, more specifically, to a device for developing concentration.

BACKGROUND

The approaches described in this section could be pursued but are not necessarily approaches that have previously been conceived or pursued. Therefore, unless otherwise indicated, it should not be assumed that any of the approaches described in this section qualify as prior art merely by virtue of their inclusion in this section.

The variety of devices for sensing and/or determining physical and physiological parameters of a human body increases rapidly. However, the list of vital signs that may be sensed by such devices is mostly limited to a heart rate, blood pressure, blood oxygen level, blood sugar level, body temperature, and some other parameters. Meanwhile, it is generally known that cells of a human body, e.g., neurons, produce electrical activity. In particular, nerve impulses generated by neurons are electrical signals that create electromagnetic fields of the human body. Furthermore, some fluids of the human body are known to act as electrolytes and the flow of such fluids may generate fluctuating electromagnetic fields in the human body. However, conventional electromagnetic sensors are not intended for detecting the electromagnetic fields of the human body and are unable to transform electromagnetic signals emitted by the human body.

SUMMARY

This summary is provided to introduce a selection of concepts in a simplified form that are further described below in the Detailed Description. This summary is not intended to identify key features or essential features of the claimed subject matter, nor is it intended to be used as an aid in determining the scope of the claimed subject matter.

Provided are devices and methods for development of concentration. In some example embodiments, a three-mode device for development of concentration may include an optical sensing unit. The optical sensing unit may include a plurality of sensitive elements. The plurality of sensitive elements may be configured to sense, in one or more of a plurality of operation modes, a signal provided by a user. The signal may be associated with a plurality of electromagnetic fields. The plurality of sensitive elements may be configured to impose, based on the signal, the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The three-mode device for development of concentration may further include an optical emitting unit configured to emit the outgoing signal and one or more lenses for

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focusing concentration of the user. The one or more lenses may be associated with the optical sensing unit. The three-mode device for development of concentration may further include two switches for switching between the plurality of operation modes and a lighting unit to indicate each of the plurality of operation modes by emitting a predetermined light signal.

A method for development of concentration may commence with providing one or more lenses for focusing the concentration of a user. The one or more lenses may be associated with an optical sensing unit. The method may further include switching between a plurality of operation modes using two switches and indicating, by a lighting unit, each of the plurality of operation modes by emitting a predetermined light signal. The method may continue with sensing, by a plurality of sensitive elements of the optical sensing unit, in one or more of the plurality of operation modes, a signal provided by the user. The signal may be associated with a plurality of electromagnetic fields. The method may continue with imposing, by the optical sensing unit, based on the signal, the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The method may further include emitting, by an optical emitting unit, the outgoing signal.

Additional objects, advantages, and novel features will be set forth in part in the detailed description section of this disclosure, which follows, and in part will become apparent to those skilled in the art upon examination of this specification and the accompanying drawings or may be learned by production or operation of the example embodiments. The objects and advantages of the concepts may be realized and attained by means of the methodologies, instrumentalities, and combinations particularly pointed out in the appended claims.

BRIEF DESCRIPTION OF THE DRAWINGS

Embodiments are illustrated by way of example and not limitation in the figures of the accompanying drawings, in which like references indicate similar elements and in which:

FIG. 1 illustrates a general perspective view of a three-mode device for development of concentration, in accordance with an example embodiment.

FIG. 2 is a block diagram showing various modules of a three-mode device for development of concentration, in accordance with an example embodiment.

FIG. 3 is a schematic diagram illustrating development of concentration of a user using a three-mode device for development of concentration, in accordance with an example embodiment.

FIG. 4 is a flow chart illustrating a method for development of concentration, in accordance with an example embodiment.

FIG. 5A is a schematic diagram illustrating a top view of a three-mode device for development of concentration when a cover is in a closed state, according to an example embodiment.

FIG. 5B is a schematic diagram illustrating a top view of a three-mode device for development of concentration when a cover is in an open state, according to an example embodiment.

FIG. 6A shows a top view of a three-mode device for development of concentration when a cover is in a closed state, according to an example embodiment

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FIG. 6B shows a top view of a three-mode device for development of concentration when a cover is in an open state, according to an example embodiment.

FIG. 6C shows a general perspective view of a three-mode device for development of concentration, according to an example embodiment.

FIG. 7A shows a front view of a three-mode device for development of concentration, according to an example embodiment.

FIG. 7B is a rear view of a three-mode device for development of concentration, according to an example embodiment.

FIG. 8 shows a top view of a three-mode device for development of concentration, according to an example embodiment.

FIG. 9 is a schematic illustration showing elements of a three-mode device for development of concentration, according to an example embodiment.

FIG. 10 shows a computing system that can be used to implement a method for development of concentration, according to an example embodiment.

DETAILED DESCRIPTION

The following detailed description includes references to the accompanying drawings, which form a part of the detailed description. The drawings show illustrations in accordance with exemplary embodiments. These exemplary embodiments, which are also referred to herein as "examples," are described in enough detail to enable those skilled in the art to practice the present subject matter. The embodiments can be combined, other embodiments can be utilized, or structural, logical, and electrical changes can be made without departing from the scope of what is claimed. The following detailed description is, therefore, not to be taken in a limiting sense, and the scope is defined by the appended claims and their equivalents. In this document, the terms "a" and "an" are used, as is common in patent documents, to include one or more than one. In this document, the term "or" is used to refer to a nonexclusive "or," such that "A or B" includes "A but not B," "B but not A," and "A and B," unless otherwise indicated.

The present disclosure relates to methods and devices for development of concentration. Specifically, the development of concentration is provided by a three-mode device for development of concentration, also referred herein to as a three-mode device PRK-1U for development of concentration. The device may include an optical sensing unit configured to sense signals emitted by a user and an optical emitting unit configured to emit an outgoing signal. The device further includes lenses for focusing concentration of the user, switches for switching between operation modes, and a lighting unit to indicate a current operation mode by emitting a predetermined light signal. The device may further have one or more plates with numerical symbols for focusing the concentration of the user.

The device may include a housing in which elements of the device may be located. The housing may have a parallelepiped shape. The housing may be provided with a cover placed onto the housing to enclose the elements of the device inside the housing. The lenses and plates with numerical symbols for focusing concentration may be attached to an outer surface of the housing or to the cover. The user may be located in proximity to the device. The development of concentration of the user may be provided by focusing user attention on a receiver of the device and controlling the results of the concentration. The lenses and/or the plates

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with numerical symbols may be configured to be the receiver of concentration of the user. To initiate development of concentration, the user may start concentrating on the lenses and/or the numerical symbols provided on the plates attached to the housing or the cover. Specifically, the user may focus user attention on the lenses and/or the numerical symbols and direct thoughts to the lenses and/or the numerical symbols of the device. The concentration of the user may include thoughts related to providing an eternal life, including concentration on being healthy, concentration on having the quality of control forecasting or control foresight, concentration on rejuvenation, concentration on a particular event in life, and so forth.

As known in psychology, the stronger a person concentrates on a goal, the events in the person's life are optimized and the goal is achieved faster. When concentrating, the user may perform the following actions. The user may imagine user consciousness as a sphere around the user's body informationally supported by the user's body itself. The further action of the user may include imagining that the sphere transforms into a shape similar to the shape of the user's body and then superimposes the shape onto the surface of the user's body. At the moment of superimposing, the user may imagine that the inner surface of the body-like shape comes into contact with the surface of the user's body and that the radiation from the outer's surface of this body-like shape spreads to all external infinite space relative to the user's body. The infinite space is considered to be the eternal reality connected with the organism of the user, which results in development of concentration on eternal life.

The devices and methods described herein are based on the principle of similarity. The principle of similarity is based on the theory of wave synthesis in combination with the unified reality theory (see Ph.D. Thesis in Physical and Mathematical Sciences, G. P. Grabovoi, "Research and Analysis of Fundamental Definitions of Optical Systems for Prediction of Industrial Nature Earthquakes and Disasters", Moscow, RAEN Publishing House, 1999, pp. 9-19; patent of the inventor No. RU 2148845C1 titled "Method of Prevention of Catastrophes and Equipment for its Realization"; and patent of the inventor No. RU 2163419C1 titled "Data Transmission System," which are incorporated herein by reference in their entirety). The devices and methods are further based on physical and mathematical theory, experimental results, physical and mathematical calculations, and the results of these calculations set forth in the publication titled "Research and Analysis of the Fundamental Definitions of Optical Systems in Disaster Prevention and Predictive Microprocessor Control", "Electronic Equipment, Series 3, Microelectronics", 1999, edition 1 (153), and other scientific materials.

In accordance with the wave synthesis theory, reality can be considered as a periodic intersection of stationary regions with dynamic regions, while in the intersection zones a synthesis of a dynamic wave and a stationary wave occurs. Any reality phenomenon can be defined in a form of optical systems. Human perception is performed using image-bearing elements of light that contain information. In case of transmitting information from a person generating information to be transmitted to an optical sensing element, the person may be considered to be a transmitting optical system. The transmitted information generated by thoughts of the person is received by an optical sensing unit to which the person directs the generated thought. As a thought is an electromagnetic wave, it can be transmitted as an element of an optical system. Sensitive elements of the optical sensing

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unit preferably have the shape of a sphere, as the spherical shape of the sensitive element provides the maximum activation of the sensitive element due to internal reflection of signals. The collection of trial records and testimonies of use of the three-mode device PRK-1U for the development of the concentration is presented in the Appendix of Specification.

The three-mode device for development of concentration performs the imposition of fields from the generation of biological signals and electromagnetic fields (electromagnetic waves generated by the user) according to the principle of universal connection with control of the purpose of concentration. The device further develops concentration of creational control.

In the wave synthesis theory, it is known that a thought generated in a form of radiation simultaneously has two quantum states. The first state is located on a sensing element of a signal transmitter, and the second state is located on a signal receiver. Based on these principles, the device for interacting with thoughts to develop the concentration as described herein was created.

Referring now to the drawings, FIG. 1 is a general perspective view of a three-mode device 100 for development of concentration, hereinafter referred to as a device 100. The device 100 may include a housing 105 and a cover 110. In an example embodiment, the housing 100 may include a box of a rectangular shape. The device 100 may further include lenses 120. The lenses 120 may be attached to an outer surface of the cover 110. In an example embodiment, the lenses 120 may be made of glass. Each of the lenses 120 may be placed on a plate 125 (e.g., a metal plate). The diameter of the lenses 120 may be 20 mm, 25 mm, 60 mm, and any other diameter applicable for a particular embodiment of the device 100. The diameter of the plate 125 may be 60 mm, 64 mm, 70 mm, and any other diameter applicable for a particular embodiment of the device 100.

The device may further have a first switch 130 and a second switch 135 to switch between operation modes of the device 100. The device 100 may have one or more plates 140 with numerical symbols 145 depicted on the plates 140. The device 100 may further have one or more stones 150, such as diamonds, attached to the housing 105 or the cover 110 of the device 100. The stones may be placed on a plate 155. Further elements of the device 100 are shown in detail with reference to FIGS. 2-9.

FIG. 2 is a block diagram showing various units of a three-mode device 100 for development of concentration, in accordance with certain embodiments. Specifically, the device 100 may include an optical sensing unit 210, optical emitting unit 220, one or more lenses 230, two switches 240, and a lighting unit 250. The one or more lenses 230 for focusing concentration of a user may be associated with the optical sensing unit 210. The device 100 may further include a housing and a cover. The one or more lenses 230 may be disposed on the cover.

The optical sensing unit 210 may have a plurality of sensitive elements. In an example embodiment, the plurality of sensitive elements may be spherical. In an example embodiment, the sensitive elements may be made of glass. The plurality of sensitive elements may be configured to sense a signal provided by the user. The sensitive elements may sense the signal in one or more of a plurality of operation modes of the device 100. The signal may be associated with a plurality of electromagnetic fields. The signal provided by the user may be a biological signal. The biological signal may include an electromagnetic wave associated with thoughts generated by the user when con-

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centrating on the one or more lenses 230 for focusing concentration. Specifically, the information (signal) may be generated in a form of electromagnetic radiation by the user. The user concentrates the electromagnetic radiation created by thought on the one or more lenses 230 located on the upper surface of the device 100.

The plurality of sensitive elements may be further configured to impose, based on the signal, the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The optical emitting unit may be configured to emit the outgoing signal. In an example embodiment, the optical emitting unit 220 may include an optical lens. In an example embodiment, the optical lens may be made of glass. The optical emitting unit 220 may emit the outgoing signal in a form of at least an optical signal. In an example embodiment, the device 100 may include a further plurality of sensitive elements. The further plurality of sensitive elements may include crystals and stones, such as diamonds.

The two switches 240 may be used for switching between the plurality of operation modes of the device 100. The lighting unit 250 may be configured to indicate each of the plurality of operation modes of the device 100 by emitting a predetermined light signal. Specifically, the plurality of operation modes may include at least three modes. A first operation mode may be turned on by moving a first switch of the two switches 240 into an upward position. The first operation mode may be characterized by absence of emittance of a light signal by the lighting unit 250. A second operation mode may be turned on by moving a second switch of the two switches into an upward position. The second operation mode may be characterized by emittance of a static light signal by the lighting unit 250. A third operation mode may be turned on by moving the first switch into a downward position and further moving the first switch into an upward position while the second switch remains in the upward position. The third operation mode may be characterized by emittance of a repetitively-pulsed light signal by the lighting unit 250.

In an example embodiment, the two switches 240 may be made of a transparent or semi-transparent material, such as glass or plastics. The device 100 may have a light emitting diode (LED) disposed inside the housing for emitting the light signal. When the LED emits light inside the device 100, the light emitted from inside of the device 100 can be seen through the two switches 240. Upon switching between the operation modes, the LED may not emit light, may continuously emit light (i.e., provide the static light signal), and may repetitively emit light (i.e., provide the repetitively-pulsed light signal).

The signal provided by the user may be sensed in each of the operation modes. For example, the device 100 may be switched to the second operation mode and the optical sensing unit 210 may sense the signal provided by the user when the device 100 operates in the second operation mode. In an example embodiment, the device 100 may be switched to the third operation mode and the optical sensing unit 210 may sense the signal provided by the user when the device 100 operates in the third operation mode. The operation modes of the device 100 may be used to increase the concentration on the user.

In an example embodiment, the device 100 may further include a plurality of figures placed on the housing and/or the cover of the device 100. The figures may include numerical symbols for focusing the concentration of the user. The numerical symbols may be depicted on plates (e.g., metal, plastics, paper, wooden plates, etc.), which can be attached to the housing and/or the cover of the device 100.

The numerical symbols depicted on the plates may be used for focusing the concentration of the user.

In an example embodiment, the device 100 may further include a converting unit configured to convert the outgoing signal into an electrical signal. In an example embodiment, the converting unit may be connected to a processing unit. The processing unit may be in communication with the optical sensing unit 210, the optical emitting unit 220, and the lighting unit 250 and perform processing of sensed signals, imposed signals, optical signals, and outgoing signals. The device 100 may further include a power source in communication with the optical sensing unit 210, the optical emitting unit 220, and the lighting unit 250.

In the publication titled "Research and Analysis of the Fundamental Definitions of Optical Systems in Disaster Prevention and Predictive Microprocessor Control," "Electronic Equipment, Series 3, Microelectronics," 1999, edition 1 (153), the inventor proves the unified reality theory and the theory of wave synthesis. According to the unified reality theory and the theory of wave synthesis, the second operation mode results in applying the amplification of the stationary phase of the reality. Furthermore, according to the unified reality theory and the theory of wave synthesis, the third operation mode results in applying the amplification of the dynamic phase of reality.

The technique of providing eternal life can work according to the principle similar to principles of functioning of the human body in the field of thinking. According to the principle of functioning of the human body when creating thoughts, the physical body of a person consists of the same tissues that do not change in the process of thinking, but thoughts that are created in the physical body are different. In the three-mode device 100 for development of concentration, the similarity principle is applied, which is illustrated by the fact that the same two buttons (i.e., switches) are used to activate the third operation mode for amplification of the dynamic phase of the reality. In other words, no elements are added to the device 100 just as no elements are added to the human body when a new thought is created. The third operation mode is turned on by turning the first switch off and on (to the downward and upward position) again while the second switch remains in the upward position. Therefore, switching between three operation modes may be provided by two switches.

Thus, by using the unified reality theory and the theory of wave synthesis proved by physical and mathematical calculations and experiments, the components are selected and an electrical scheme is developed for the device 100 so that the device 100 is similar to a human body in the following sense. A human body generates thoughts without adding any matter (components) to the human body. Similarly, the device 100 autonomously, without adding further switches, i.e., in a closed system, generates the third operation mode for amplification of the dynamic phase of the reality, which is illustrated by the repetitively-pulsed light emittance. In other words, the element base of the device 100 has a self-development function similar to that in the human body. This function of the device 100, due to the interaction of the components of the device 100, itself includes the activation of the operation mode for repetitively-pulsed light emittance. This allows the development of concentration when using the device 100, as the preceding level of developing the concentration, including that achieved with the help of the device 100 itself, is always the starting point for further development of concentration.

The work with the device 100 in different operation modes provides extensive results on the development of

concentration, which is required in many areas of life, including production, operational activity, and other activities in industrial fields.

The device 100 may further be configured to activate an artificial intelligence function. This function enables the device 100, depending on the activity of generation of thoughts by the user and depending on the degree of development of concentration on eternal life in respect to specific events, to independently switch off the operation modes of the device 100 and then, after a time period determined by the device 100, again switch on any of three operation modes. Accordingly, the procedure of activation of this artificial intelligence function was developed.

The device 100 provides the capability to combine three modes of operation, thereby creating better concentration on ensuring eternal life.

FIG. 3 is a schematic diagram 300 illustrating development of concentration of a user using a three-mode device 100 for development of concentration, according to an example embodiment. A user 305 may be located in a proximity of the device 100. The user 305 may concentrate user attention on lenses 120 and/or numerical figures 145 of the device 100. The lenses 120 may have different diameters. By concentrating, the user 305 generates thoughts, which are electromagnetic signals 310. The thoughts may contain the purpose of concentration, such as concentration on eternal life, concentration on being healthy, concentration on having the quality of control forecasting or control foresight, concentration on rejuvenation, and so forth. The action of concentration for the current time and future time may be performed with respect to a sensing element of the optical emitting unit consisting of lenses. The user 305 may perform circular movements associated with the concentration (i.e., direct thoughts) by following a direction from a lens of a smaller diameter counterclockwise to lenses of a larger diameter. In the case of concentrations related to the current time and future time, a concentration beam may be directed in a direction from outside of the device 100 to an inner space of the device 100.

If the concentration of the user 305 relates to past events, the user 305 may perform circular movements associated with the concentration by following a direction from a lens of a smaller diameter clockwise to lenses of a larger diameter. The concentration beam may be directed in a direction from inside the device 100 to an outside space.

In accordance with the information transmission on the basis of the wave synthesis theory, another quantum state of thoughts may be projected on a signal receiver in a form of an optical emitting unit located inside the device 100.

FIG. 4 is a process flow diagram showing a method 400 for development of concentration, according to an example embodiment. In some embodiments, the operations may be combined, performed in parallel, or performed in a different order. The method 400 may also include additional or fewer operations than those illustrated.

The method 400 may commence with providing one or more lenses for focusing concentration of a user at operation 402. The lenses may be associated with an optical sensing unit. The method 400 may continue with switching between a plurality of operation modes using two switches at operation 404. Operation 406 of the method 400 may include indicating, by a lighting unit, each of the plurality of operation modes by emitting a predetermined light signal.

The method 400 may further include sensing, by a plurality of sensitive elements of the optical sensing unit, in one or more of the plurality of operation modes, a signal provided by the user at operation 408. The signal may be

associated with a plurality of electromagnetic fields. The plurality of sensitive elements may be spherical. The signal provided by the user may be a biological signal.

The method 400 may further include imposing, based on the signal, by the optical sensing unit, the plurality of electromagnetic fields onto each other to obtain an outgoing signal at operation 410. Specifically, the method 400 may be performed by using signal conditioning by imposing electromagnetic fields resulting from the generation of a biological signal to each other. The method 400 may be performed in accordance with the principle of universal connection with control of the purpose of concentration, which can be developed according to techniques described by the inventor in the publications mentioned herein.

The method 400 may further include emitting, by an optical emitting unit, the outgoing signal at operation 412. The optical emitting unit may include an optical lens. The optical emitting unit may emit the outgoing signal in the form of at least an optical signal. The method 400 may further include converting, by a converting unit, the outgoing signal into an electrical signal.

In an example embodiment, the method 400 may further include providing a power source. The power source may be in communication with the optical sensing unit and the optical emitting unit. In an example embodiment, the method 400 may further include providing a housing and a cover. The one or more lenses may be disposed on the cover.

FIG. 5A shows a top view 500 of a device 100 when a cover 100 is in a closed state, according to an example embodiment. The device 100 may have three plates 125 on which lenses 120 may be fastened. The plates 125 may be attached to the cover 120. The device 100 may further have a plate 155 for fastening stones 150, such as crystals or diamonds. The plate 155 may be attached to the cover 110.

FIG. 5B shows a top view 500 of the device 100 when the cover 100 is in an open state, according to an example embodiment. The device 100 may include an optical sensing unit 210, a plurality of sensitive elements 505, an optical emitting unit 220, a LED 510, and a converter 515. The plurality of sensitive elements 505 of the optical sensing unit 210 may sense the signal emitted by the user and provide the signal to the converter 515. The converter 515 may convert the signal into an electrical signal. The converter 515 may provide the electrical signal to the LED 510. The LED 510 may be electrically connected in parallel with other components of the device 100. Upon receipt of the electrical signal, the LED 510 may emit the electrical signal in the form of a light signal according to a current operation mode of the device 100.

The signal sensed by the plurality of sensitive elements 505 may be associated with a plurality of electromagnetic fields. The optical sensing unit 210 may impose the plurality of electromagnetic fields onto each other to obtain an outgoing signal. The optical sensing unit 210 may provide the outgoing signal to the optical emitting unit 220 for further emission of the outgoing signal by the optical emitting unit 220.

FIG. 6A shows a top view 600 of the device 100 when the cover is in a closed state, according to an example embodiment. The device 100 may have three plates 125 onto which lenses 120 may be fastened. The plates 125 may be attached to the cover. The device 100 may further have a plate 155 for fastening stones 150, such as crystals or diamonds. The plate 155 may be attached to the cover. The device 100 may have one or more plates 140 with numerical symbols 145 depicted on the plates 140.

In a further example embodiment, the device 100 may have concentration enhancement elements. The concentration enhancement elements may be used for enhancing and accelerating the development of concentration. The concentration enhancement elements may include crystals and stones 150, e.g., diamonds or rock crystals.

FIG. 6B shows a top view 630 of the device 100 when the cover is in an open state, according to an example embodiment. The device 100 may include an optical sensing unit 210, a plurality of sensitive elements 505, an optical emitting unit 220, and a LED 510.

FIG. 6C further shows a general perspective view 650 of the device 100, according to an example embodiment. The device 100 may include a first switch 130 and a second switch 135. The first switch 130 and the second switch 135 may be made of a transparent material, such as glass or plastic. When the LED 510 emits light inside the device 100, the light emitted from inside of the device 100 can be seen through the first switch 130 and the second switch 135.

In an example embodiment, figures may be placed on the cover in the form of numerical values 145. For example, figures 1, 4, 5 may be placed (e.g., written) near a smaller lens, and figures 2, 7, 8, and 9, 0, 6, 3 may be placed near larger lenses. The development of concentration using the presence of figures near the lenses can be made by concentrating on the lenses in a way described above and adding concentration on the figures.

FIG. 7A shows a front view 700 of the device 100, according to an example embodiment. The device 100 may have a first switch 130 and a second switch 135. Each of the first switch 130 and the second switch 135 may be configured to operate in several positions. Specifically, the first switch 130 may be moved into an upward position to switch to a first operation mode. The second switch 135 may be moved into an upward position to switch to a second operation mode. The first switch 130 may be moved into a downward position and further moved into the upward position to switch a third operation mode.

FIG. 7B shows a rear view 750 of the device 100, according to an example embodiment. The device 100 may have controlling elements 705 disposed in adjustment holes in the housing of the device 100 for tuning components of the device 100 using a side panel 755. The device 100 may be in communication with an adapter 710. The adapter 710 may be configured to convert the voltage of 220 V from a power grid into the voltage of 12 V consumed by the device 100.

FIG. 8 shows a top view 800 of the device 100, according to an example embodiment. The device 100 may further include one or more crystal systems 805. The crystal system 805 may consist of a plurality of crystals 810. The crystals 810 may be used for focusing the concentration of the user. The crystal system 805 may be a vertical crystal system in which the crystals 810 may have different radii and, hence, different heights. The radius of the crystals 810 may be 7 mm, 12 mm, and so forth.

In an example embodiment, the three-mode device for development of concentration may be used remotely through video monitoring of the device by a user, including via the Internet. The three-mode device for development of concentration is applicable in various areas related to providing eternal life, such as becoming healthy, developing the quality of control forecasting or control foresight, rejuvenating an organism, and so forth.

FIG. 9 is a schematic diagram 900 illustrating a three-mode device for development of concentration, according to an example embodiment. The elements shown on FIG. 9

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may be located inside a housing of the three-mode device for development of concentration. The three-mode device for development of concentration may include an optical emitting unit 220.

Example 1 of operation of a three-mode device for development of concentration. On day 1, a first user turned the three-mode device off and then turned on after some period of time. Upon being turned on, the three-mode device entered the first operation mode, in which a red light mostly did not light up, meaning that power provided to the diode was low. Upon switching the three-mode device manually to the second and third operation modes, the three-mode device did not react, i.e., did not switch to the second and third operation modes.

The three-mode device is configured for developing concentrations on eternal life. The three-mode device can switch to one of the operation modes upon increasing the control load. In view of this, four users started a concentration session using the three-mode device by concentrating on lenses for focusing concentration of the users.

Three days later, the three-mode device entered the second operation mode. The three-mode device worked stably, but the third mode could not be turned on. Four users continued performing concentration sessions during the next three days. The three-mode device was placed in a room of the first user during the time when the concentration sessions were performed.

After three days, the second user took the three-mode device to work in a room of the second user. The three-mode device was moved to the room and turned on. The second user continued performing the concentration session using the three-mode device by concentrating on lenses for focusing concentration of the users. Upon turning on, the three-mode device began to self-adjust as was seen from diode heating. In a few seconds, the three-mode device entered the third operation mode and began to work stably in all three operation modes.

After three hours of operation, the three-mode device was again transferred to a room of the first user and turned on. The first user continued performing the concentration session using the three-mode device by concentrating on lenses for focusing concentration of the users. Upon turning on, the three-mode device worked in the third operation mode. At the time of turning on of the three-mode device, the first user was located in proximity to the three-mode device and had a conversation and was distracted from the concentration session. In a several minutes, the three-mode device automatically switched to the second operation mode. When the third operation mode was manually turned on, the device did not respond. Then, the three-mode device was unplugged and moved to the room of the second user, where it worked steadily before. Upon being turned on, the three-mode device immediately entered the third operation mode and there were no failures in operation of the three-mode device. The three-mode device worked stably in all three modes. After this check, the three-mode device was again transferred to the room of first user and turned on. The three-mode device did not work in the third operation mode in the room of the first user. Then, the operation of the three-mode device was re-tested in the room of the second user. The three-mode device was moved to the room of the second user and turned on. The three-mode device consistently entered all the three operation modes. The operation of the three-mode device was recorded by photographing the device. Each of the first user and the second user continued performing the concentration session using the three-mode device when the three-mode device was in the room of each

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of the users. Then, the three-mode device was turned off, moved again to the room of the first user, and turned on. The first user continued the concentration session by concentrating on lenses of the three-mode device. Upon turning on, the three-mode device entered all the three operation modes and began to work stably in all operation modes.

Thus, the three-mode device independently switches to one of the operation modes in response to the signals received from the users during the concentration sessions. This function of artificial intelligence of the three-mode device, i.e. automatic switching between the modes, is turning on in case of simultaneous receipt of an increased amount of signals, e.g., from several users.

Example 2 of operation of a three-mode device for development of concentration. A user travelled to a foreign country and had a 24 hours long layover between the flights. The user experienced strong emotions during the layover, such as intensive fear, worry, lack of self-confidence, and perplexity. The user arrived at the hotel during the layover, turned the three-mode device, and started a first concentration session by concentrating on lenses of the three-mode device. Upon switching on, the three-mode device operated in the third operation mode and did not respond to manual switching of the three-mode device by the user to the second operation mode or the first operation mode. The next day, the user had a flight to the foreign country and an emotional state of the user stabilized, i.e. the user had a normal emotional state. When the user arrived at the hotel, the user turned the three-mode device and started a second concentration session by concentrating on lenses of the three-mode device. Upon switching on, the three-mode device operated in the first operation mode. The user manually switched the three-mode device to the second operation mode and then to the third operation mode. The three-mode device responded to switching between the modes by the user and switched to the second operation mode or the third operation mode, respectively. It was concluded that the user had intensive emotions and thoughts during the first concentration session. In view of this, the intensity of a signal transmitted by the user to the three-mode device caused automatic switching of the three-mode device to the third operation mode, in which the three-mode device amplified the dynamic phase of reality.

Example 3 of operation of a three-mode device for development of concentration. A user conducted concentration sessions using the three-mode device for four days in a first city. The three-mode device operated properly and responded to switching between the operation modes by the user by operating in a first operation mode, a second operation mode, or the third operation mode, respectively. On day five, the user moved to a second city and, upon arrival, started a concentration session. The user turned the three-mode device on. The three-mode device operated in the first operation mode. The user attempted to manually switch the three-mode device to the second operation mode. In response to the attempt of the user, the three-mode device switched to the third operation mode and did not respond to further attempts of the user to switch the three-mode device to the second operation mode. The automatic switching of the three-mode device to the third operation mode continued in the course of concentration sessions conducted by the user during seven days. During this seven-day period, the user had intensive emotions and thoughts when conducting the concentration sessions. In view of this, the intensity of a signal transmitted by the user to the three-mode device caused automatic switching of the three-mode device to the third operation mode, in which the three-mode device ampli-

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fied the dynamic phase of reality. After seven days, the emotional state of the user stabilized and the three-mode device started operating normally and responded to manual switching of the three-mode device by the user to the second operation mode or the third operation mode.

FIG. 10 shows a diagrammatic representation of a computing device for a machine in the exemplary electronic form of a computer system 1000, within which a set of instructions for causing the machine to perform any one or more of the methodologies discussed herein can be executed. In various exemplary embodiments, the machine operates as a standalone device or can be connected (e.g., networked) to other machines. In a networked deployment, the machine can operate in the capacity of a server or a client machine in a server-client network environment, or as a peer machine in a peer-to-peer (or distributed) network environment. The machine can be a personal computer (PC), a tablet PC, a set-top box, a cellular telephone, a digital camera, a portable music player (e.g., a portable hard drive audio device, such as a Moving Picture Experts Group Audio Layer 3 (MP3) player), a web appliance, a network router, a switch, a bridge, or any machine capable of executing a set of instructions (sequential or otherwise) that specify actions to be taken by that machine. Further, while only a single machine is illustrated, the term "machine" shall also be taken to include any collection of machines that individually or jointly execute a set (or multiple sets) of instructions to perform any one or more of the methodologies discussed herein.

The computer system 1000 may include a processor or multiple processors 1002, a hard disk drive 1004, a main memory 1006 and a static memory 1008, which communicate with each other via a bus 1010. The computer system 1000 may also include a network interface device 1012. The hard disk drive 1004 may include a computer-readable medium 1020, which stores one or more sets of instructions 1022 embodying or utilized by any one or more of the methodologies or functions described herein. The instructions 1022 can also reside, completely or at least partially, within the main memory 1006 and/or within the processors 1002 during execution thereof by the computer system 1000. The main memory 1006 and the processors 1002 also constitute machine-readable media.

While the computer-readable medium 1020 is shown in an exemplary embodiment to be a single medium, the term "computer-readable medium" should be taken to include a single medium or multiple media (e.g., a centralized or distributed database, and/or associated caches and servers) that store the one or more sets of instructions. The term "computer-readable medium" shall also be taken to include any medium that is capable of storing, encoding, or carrying a set of instructions for execution by the machine and that causes the machine to perform any one or more of the methodologies of the present application, or that is capable of storing, encoding, or carrying data structures utilized by or associated with such a set of instructions. The term "computer-readable medium" shall accordingly be taken to include, but not be limited to, solid-state memories, optical and magnetic media. Such media can also include, without limitation, hard disks, floppy disks, NAND or NOR flash memory, digital video disks, Random Access Memory, Read-Only Memory, and the like.

The example embodiments described herein may be implemented in an operating environment comprising software installed on a computer, in hardware, or in a combination of software and hardware.

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Thus, three-mode devices and methods for development of concentration are described. Although embodiments have been described with reference to specific exemplary embodiments, it will be evident that various modifications and changes can be made to these exemplary embodiments without departing from the broader spirit and scope of the present application. Accordingly, the specification and drawings are to be regarded in an illustrative rather than a restrictive sense.

What is claimed is:

1. A three-mode device for development of concentration, the device comprising:

a housing;

a first optical unit disposed in the housing, the first optical unit comprising a plurality of spherical elements;

a second optical unit disposed in the housing wherein the second optical unit includes an optical lens;

one or more lenses for enabling a user to affix a user gaze on the one or more lenses;

one or more plates attached to the housing, wherein the one or more lenses are placed on the one or more plates, wherein a diameter of the one or more plates exceeds a diameter of the one or more lenses;

two switches for switching between a plurality of operation modes associated with emittance of a predetermined light signal, the two switches being disposed on the housing; and

a lighting unit disposed in the housing and configured to indicate each of the plurality of operation modes by emitting the predetermined light signal.

2. The device of claim 1, further comprising a cover.

3. The device of claim 2, further comprising a plurality of figures placed on one of the housing and the cover, wherein the plurality of figures includes numerical symbols.

4. The device of claim 2, wherein the one or more lenses are disposed on the cover.

5. The device of claim 1, further comprising a power source in communication with the lighting unit.

6. The device of claim 1, wherein the plurality of operation modes includes:

a first operation mode configured to be turned on by moving a first switch of the two switches into an upward position, the first operation mode being characterized by absence of emittance of a light signal by the lighting unit;

a second operation mode configured to be turned on by moving a second switch of the two switches into an upward position, the second operation mode being characterized by emittance of a static light signal by the lighting unit; and

a third operation mode configured to be turned on by moving the first switch into a downward position and further moving the first switch into the upward position, the third operation mode being characterized by emittance of a repetitively-pulsed light signal by the lighting unit.

7. The device of claim 1, wherein the plurality of spherical elements are made of glass.

8. The device of claim 1, wherein the optical lens is made of glass.

9. The device of claim 1, further comprising a further plurality of optical elements, wherein the further plurality of optical elements are selected from crystals and stones.

10. A method for development of concentration, the method comprising:
providing a housing;

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providing a first optical unit disposed in the housing, the first optical unit comprising a plurality of spherical elements;

providing a second optical unit disposed in the housing, wherein the second optical unit includes an optical lens; 5

providing one or more lenses for enabling a user to affix a user gaze on the one or more lenses;

providing one or more plates, wherein the one or more lenses are placed on the one or more plates, wherein a diameter of the one or more plates exceeds a diameter 10 of the one or more lenses;

switching between a plurality of operation modes using two switches disposed on the housing, the plurality of operation modes being associated with emittance of a predetermined light signal; and

indicating, by a lighting unit disposed in the housing, each 15 of the plurality of operation modes by emitting the predetermined light signal.

11. The method of claim 10, further comprising providing a power source, wherein the power source is in communication with the lighting unit. 20

12. The method of claim 10, further comprising providing a cover.

13. The method of claim 12, further comprising providing a plurality of figures, wherein the plurality of figures 25 includes numerical symbols placed on one of the housing and the cover.

14. The method of claim 12, wherein the one or more lenses are disposed on the cover.

15. A three-mode device for development of concentration, the device comprising: 30

a housing;

a first optical unit disposed in the housing, the first optical unit comprising a plurality of optical elements, wherein the plurality of optical elements are made of glass;

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a second optical unit disposed in the housing, wherein the second optical unit includes an optical lens;

one or more lenses for enabling a user to affix a user gaze on the one or more lenses, the one or more lenses being made of glass;

one or more plates attached to the housing, wherein the one or more lenses are placed on the one or more plates, wherein a diameter of the one or more plates exceeds a diameter of the one or more lenses;

two switches for switching between a plurality of operation modes associated with emittance of a predetermined light signal, the two switches being disposed on the housing; and

a lighting unit disposed in the housing and configured to indicate each of the plurality of operation modes by emitting the predetermined light signal, wherein the plurality of operation modes includes:

a first operation mode configured to be turned on by moving a first switch of the two switches into an upward position, the first operation mode being characterized by absence of emittance of a light signal by the lighting unit;

a second operation mode configured to be turned on by moving a second switch of the two switches into an upward position, the second operation mode being characterized by emittance of a static light signal by the lighting unit; and

a third operation mode configured to be turned on by moving the first switch into a downward position and further moving the first switch into the upward position, the third operation mode being characterized by emittance of a repetitively-pulsed light signal by the lighting unit.

* * * * *

Fotocópias das marcas registradas

As obras, os dispositivos e as atividades de G.P. Grabovoi são protegidas por marcas registradas:

União Europeia " GRABOVOI ® "com número de registo n. ° 009414673 de 18 de fevereiro de 2011 (Data de Aplicação 30 de setembro de 2010) e União Europeia" Grigori GRABOVOI ® " com número de registo n. ° 009414632 de 18 de fevereiro de 2011 (Data de Aplicação 30 de setembro de 2010). Os dados sobre as marcas registradas são dadas no site oficial da Administração de Harmonização do Mercado Interno da União Europeia está registrando marcas comerciais <http://oami.europa.eu/ows/rw/pages/index.en.do> Endereço: Avenida Europa, 4E-03008 Alicante ESPANHA, Telephone+3496 5139100; Email: information@oami.europa.eu





Austrália " GRABOVOI ® "com número de Registro nº 1477713 de 02 de julho de 2012 (Data de inscrição 01 de março de 2012) e" Grigori GRABOVOI ® " com número de inscrição nº 1477714 de 02 de julho de 2012 (Data de inscrição 01 de março de 2012). Os dados sobre as marcas registradas são dadas no site oficial de Turismo de propriedade Intelectual da Austrália (Intellectual Property Australia): <http://www.ipaustralia.gov.au>

Endereço: 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
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International Callers: +61-2 6283 2999
Facsimile: +61-2 6283 7999
Email: assist@ipaustalia.gov.au
Website: www.ipaustalia.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,



IP Australia • Patents • Trade Marks • Designs • Plant Breeder's Rights

ABN 38 113 072 755

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

Do Japão " GRABOVOI ® "com número de Registro nº 1106610 de 14 de fevereiro de 2013 (Data de inscrição 01.03.2012) e" Grigori GRABOVOI ® " possui número de Registro nº 1106611 de 14 de fevereiro de 2013 (Data de inscrição 01.03.2012). Os dados sobre as marcas registradas são dadas no site oficial da Biblioteca Digital de Propriedade Industrial (CBIC) do Escritório de Patentes do Japão 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@ipo.go.jp



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

(続葉 1)

(CERTIFICATE OF TRADEMARK REGISTRATION)

国際登録第 1 1 0 6 6 1 1 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]

China (República Popular Da China). "GRABOVOI ® "possui o número de registro g1106610 de 01 de outubro de 2012 (Data de inscrição 01.03.2012) e" Grigori GRABOVOI ® " possui o número de registro g1106611 de 01 de outubro de 2012 (Data de inscrição 01.03.2012). Os dados sobre as marcas registradas são dadas no site oficial da Secretaria de Estado de Propriedade Intelectual da República Popular da China (SIPO) <http://sbcx.saic.gov.cn/traide/> serie: 100028 Caixa postal: No.100088 Caixa postal, 104 filial, Pequim, China e-mail: chinatrademarkdatabase@gmail.com Endereço: Room 213, No. 14 Shuguangxili, Chaoyang, Pequim, China.

STATEMENT OF GRANT OF PROTECTION

Rule 18ter(1) of the Common Regulations

I. Office sending the statement: <table border="0"> <tr> <td>Trademark Office State Administration for Industry and Commerce People's Republic of China</td> <td>Sanlihe Donglu 8, Xicheng District Beijing 100820, China Tel: 8610-88650662 Fax: 8610-68050285</td> </tr> </table>	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
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 <u>03/01/2012</u> 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 18ter(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 <u>03/01/2012</u> 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	

Estados Unidos Da América. "GRABOVOI ® "possui o número de Registro nº 4329566 de 30 de abril de 2013 (Data de inscrição 02 de março de 2011) e" Grigori GRABOVOI ® " possui o número de Registro nº 85255853 de 19 de julho de 2013 (Data de inscrição 02 de março de 2011) . Os dados sobre as marcas registradas são dadas no site oficial de Turismo de Patentes e Marcas Comerciais dos Estados Unidos/United States Patent and Trademark Office está registrando marcas comerciais <http://www.uspto.gov> Endereço: P. O. Box 1450, Alexandria, VA 22313-1450, Telephone 1-800-786-9199; e-Mail: TrademarkAssistanceCenter@uspto.gov

United States of America
United States Patent and Trademark Office

Grabovoi

Reg. No. 4,329,566

GRABOVOI, GRIGORI PETROVICH (RUSSIAN FED. INDIVIDUAL)

Registered Apr. 30, 2013 MOSCOW, RUSSIAN FED.

Int. Cl.: 41

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).

SERVICE MARK

SUPPLEMENTAL REGISTER

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 FR. 3-2-2011; AM. S.R. 7-12-2012.

VERNA BETH RIRIE, EXAMINING ATTORNEY



Liana Stewart Ririe
Acting Director of the United States Patent and Trademark Office

Declaração de Conformidade

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 sproveda sledeća imenovana tela:

- I Idivorski laboratorije doo Beograd (I038), broj Sertifikata o pregledu tipa 00004 00502 21.08.2018.
- II Institut za nuklearne nauke Vinča – Biro za sertifikaciju doo Beograd (I003) , broj Potvrde o usaglašenosti VINCA.PU.18.AD262 date 03.09.2018.

Mesto i datum izdavanja:

Beograd, 04.09.2018.

Grigorii Grabovoi pr
KONSALTING TECHNOLOGIES
OF ETERNAL DEVELOPMENT
BEOGRAD

Odgovorna osoba
(ime i prezime / funkcija)



Certificado "Idvorski Laboratorije" sobre a conformidade do dispositivo com os padrões aceitos e relatório ao certificado

(Tradução da língua sérvia)

Laboratórios Idvorski Ltda Belgrado
Rua Volgina 15, 11060 Belgrado
Tel. +381 6776329
www.idvorsky.com
office@idvorsky.com
Órgão certificador

I 038 18

Marca de acreditação com o texto:
ATS 04-026 Entidade Certificadora
SRPS EN/ISO IEC 17065: 2016

Laboratórios Idvorski

CERTIFICADO DO EXAME DE TIPO número 00004 00502

de acordo com a **Portaria sobre compatibilidade eletromagnética** (Diário Oficial da RS nº 25/2016)

DATA DE EMISSÃO: 21.08.2018. VÁLIDO ATÉ: 20.08.2028.

REQUERENTE: **Empreendedor Grigorii Grabovoi PR**
KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Rua Kneza Mihaila 21A local 113, 11102 Belgrado

NOME / TIPO DE APARELHO: Dispositivo para o desenvolvimento de concentrações de vida eterna PRK-1U tri-mod

MARCA: GRABOVOI®
GRIGORI GRABOVOI®
FABRICANTE: Empreendedor Grigorii Grabovoi PR
KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT
Rua Kneza Mihaila 21A local 113, 11102 Belgrado

TIPO / MODELO: PRK-1U tri-mod

Descrição do dispositivo (produto), finalidade e dados técnicos:

Dispositivo para desenvolvimento de concentrações (não é considerado um dispositivo médico).

Dados técnicos:

- Tensão de entrada: 100 - 240 V; 50 Hz / 60 Hz; 0,45 A máx
- Consumo: ≤ 12 W
- Dimensões: 250 mm x 190 mm x 80 mm
- Peso: 1 kg

Relatórios de testes

Normas aplicadas:

SRPS EN 55014-1:2010 + A1:2010 + A2:2012
SRPS EN 55014-2:2015

Relatório número:

Emitido por:

Data:



SRPS EN 61000-3-2:2014
SRPS EN 61000-3-3:2014

#496

Idvorsky 06.08.2018
Laboratories

Outra documentação técnica

Marca:

Data:

1. Declaração de Conformidade	18	13.08.2018.
2. Lista de componentes	/	/
3. Instruções de operação	/	/
4. Esquema elétrico	1/1	/
5. Esquema de montagem	/	/
6. Dados técnicos dos componentes	várias	/

Formulário ILCB.TI02.04/1

EMS Certificado do exame de tipo número : 00003-00502

Página 1 de 2

Laboratórios Idvorski Ltda Belgrado
Rua Volgina 15,11060 Belgrado
Tel. +381 6776329
www.idvorsky.com
office@idvorsky.com
Órgão certificador

I 038 18

Marca de acreditação com o texto:
ATS 04-026 Entidade Certificadora
SRPS EN/ISO IEC 17065: 2016

Laboratórios Idvorski

Anexos

Não tem

Anotações

O certificado é válido apenas para dispositivos com:

- adaptador AC/DC 100-240 V (50/60 Hz, 0,45 A máx.) / 12 V DC (1 A máx.)

Fabricante: SHENZEN JINHUASHENG POWER TECHNOLOGY CO. LTD. Modelo China

Modelo: RS-AB1000

- 5 ferritas adicionais (núcleos de supressão EMI): 4 dentro do dispositivo (com rosca tripla) e 1 (com rosca dupla) montada no cabo de alimentação com a ferrita já existente que vem com o adaptador AC / DC.

Fabricante: Crown Ferrite Enterprise Co., Taiwan

Modelo: CF655N

Ao revisar o tipo de equipamento, ou seja. ao revisar a documentação técnica apresentada pelo requerente, emite-se a seguinte:

CONCLUSÃO

REQUISITOS ESSENCIAIS	COMPLETAMENTE CUMPRIDOS	CUMPRIDOS PARA O ESCOPO DE EXAMES EXIGIDOS	NÃO ESTÃO COBERTOS PELO EXAME
1) a interferência eletromagnética causada pelo equipamento não excede o nível acima do qual o	X	(*)	



equipamento de rádio e telecomunicações ou outro equipamento não pode funcionar como pretendido			
2) o nível de imunidade do equipamento a interferências eletromagnéticas esperado durante o uso do equipamento está de acordo com a finalidade pretendida, o que permite que o equipamento funcione sem deterioração inaceitável de suas características de desempenho para a finalidade pretendida.	X	(*)	
(*) Aspectos dos requisitos essenciais e fenômenos eletromagnéticos relevantes abrangidos pelo escopo de inspeção necessário:			
/			

Condições de validade do certificado:

- O certificado é válido apenas com todos os anexos. A cópia e duplicação são proibidas, exceto na íntegra.
- O certificado não é válido se alterações foram feitas no produto. As modificações devem ser comunicadas ao laboratório Idvorski para verificação da conformidade com o tipo e emissão de certificado suplementar se necessário.
- É responsabilidade do fabricante garantir que os requisitos essenciais ou fenômenos eletromagnéticos relevantes não cobertos por este exame de tipo sejam atendidos (ver conclusão). O fabricante é responsável pela conformidade do equipamento/aparelho/produto com todos os regulamentos aplicáveis.
- A conformidade de cada peça do equipamento/aparelho/produto com o tipo é obrigação e responsabilidade do fabricante que toma as medidas de controle interno da produção.
- O requerente é responsável pela autenticidade da documentação técnica apresentada e é obrigado a mantê-la, como também o Certificado durante 10 anos a partir da data de fabricação do último dispositivo.

Lugar de emissão:

Belgrado

o Diretor

(assinatura)

Saša Jorgovanović, eng.el. dipl

Selo a óleo com o texto: Laboratórios Idvorski, Companhia de testes, inspeção e certificação, Laboratórios Idvorski, Belgrado- Zvezdara

Formulário ILCB.TI02.04/1

EMS Certificado do exame de tipo número : 00003-00502

Página 2 de 2

CERTIFICO que a presente é fiel tradução do original exarado em língua sérvia.

Em Belgrado, aos 21.01.2021.

No. 25/2021

Lidija Todorović
Tradutora pública juramentada para a língua
portuguesa, no. 74-4/77-o4 de 28.II 1977



SERTIFIKAT O PREGLEDU TIP A broj 00004 00502

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

DATUM IZDAVANJA: 21.08.2018. VAŽI DO: 20.08.2028.

PODNOŠILAC 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	#496	Idvorsky Laboratories	06.08.2018.
SRPS EN 61000-3-3:2014			

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: SHENZHEN 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



Direktor:

Saša Jorgovanović, dipl.el.inž.

O Relatório para o Certificado em Inglês

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

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



EMC TEST REPORT #

496

Date of the report

06.08.2018.

Date of testing

19. – 26.07.2018.

Job #

496



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



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.

The test report isn't valid without signatures/authorization and shall not be reproduced except in full.
EMC test report #496

form IL.QP.05.01/02.2
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5. Test results
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 - 5.4. Flicker limitations test
 - 5.5. Immunity to conducted RF disturbances
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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

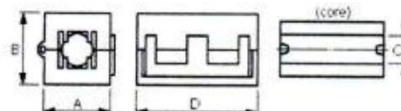
Note: the EUT is not considered to be a medical device.

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.

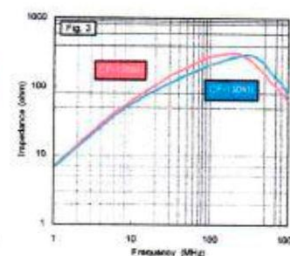
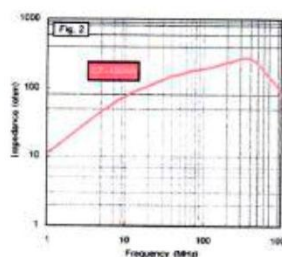
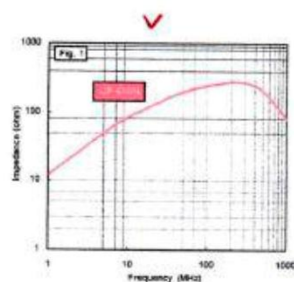
AC/DC adapter information

Manufacturer:	SHENZHEN 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



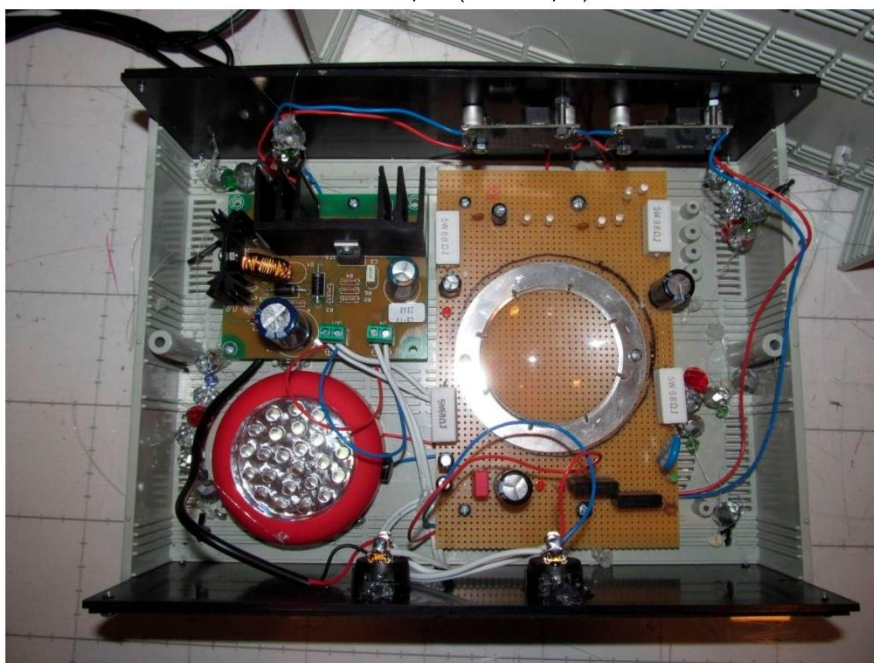
EUT (first sample), rear



EUT (first sample), bottom



AC/DC adapter (first sample)



EUT (first sample), inside



EUT (second sample), front



EUT (second sample), top



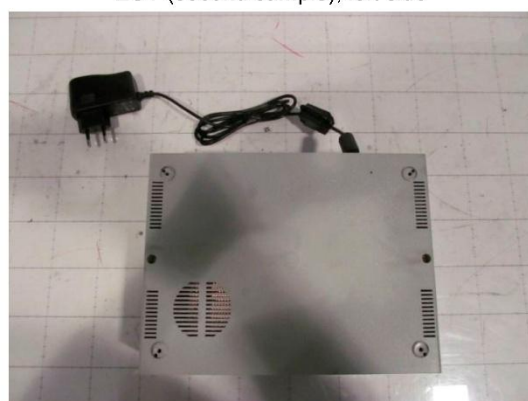
EUT (second sample), right side



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 – <i>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.</i> 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 – <i>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.</i> 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 – <i>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.</i> 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 μ S ± 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 consinging to the testing had been found.

5. Test results

5.1. Conducted RF emissions

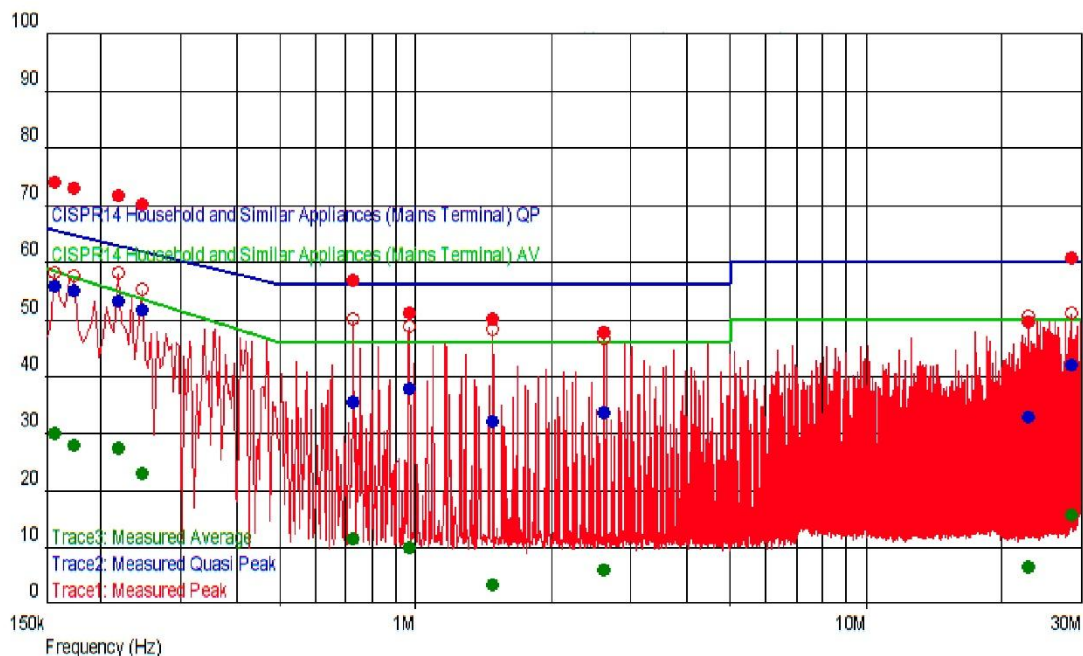
Date: 19.07.2018.
Test standard: EN 55014-1:2006 + A1:2009 + A2:2011
Tested by: Andrijana Lazić

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.

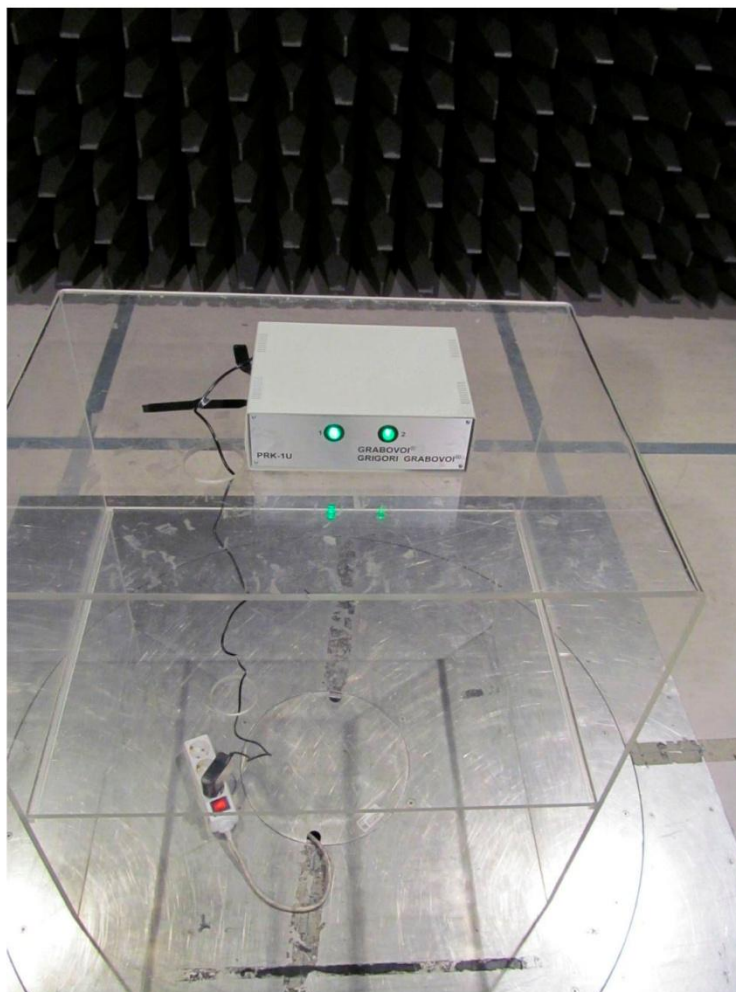
5.1.4. Comments

None.

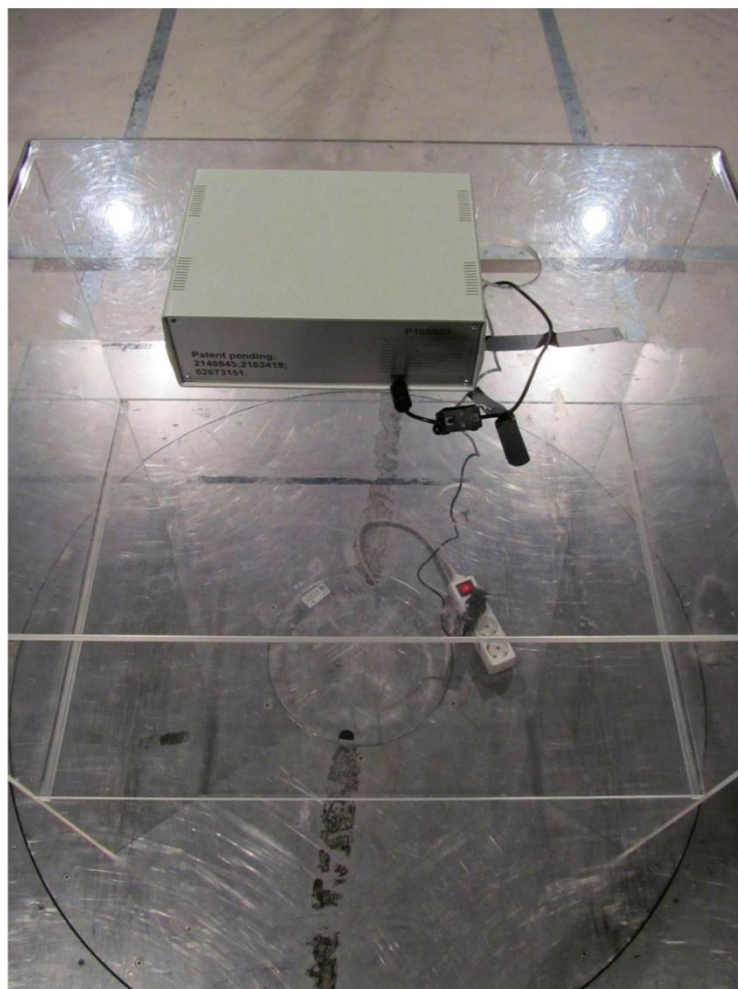
5.2. Radiated RF emissions

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

5.2.1. Set up:



Setup, front view



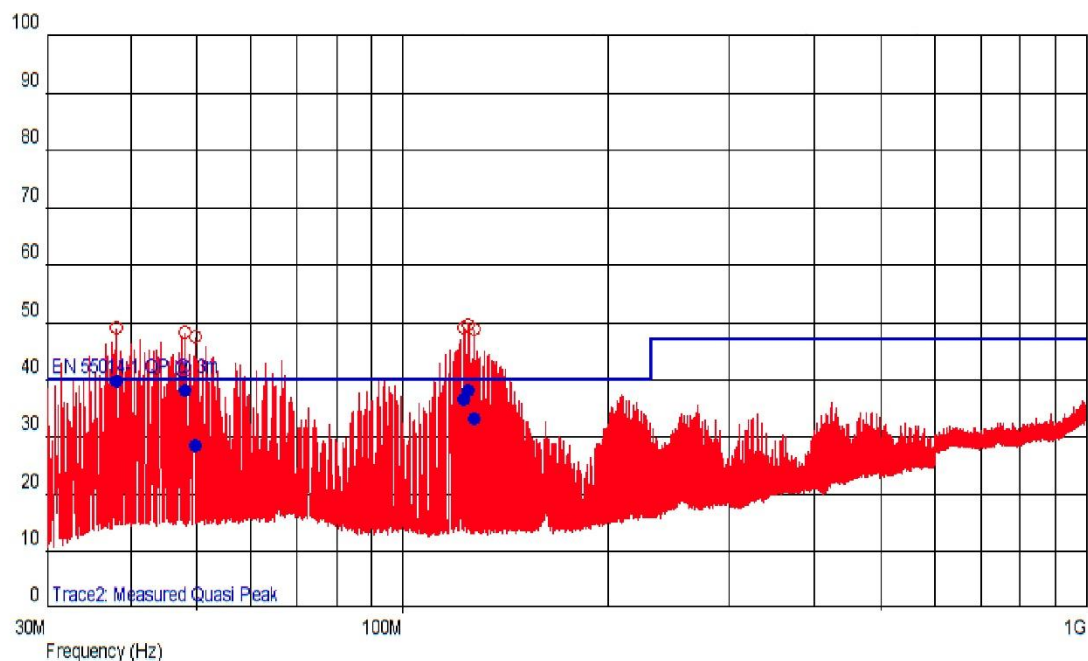
Setup, rear view

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(μ V/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		P A S S	F A I L
	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.	0.0025 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.

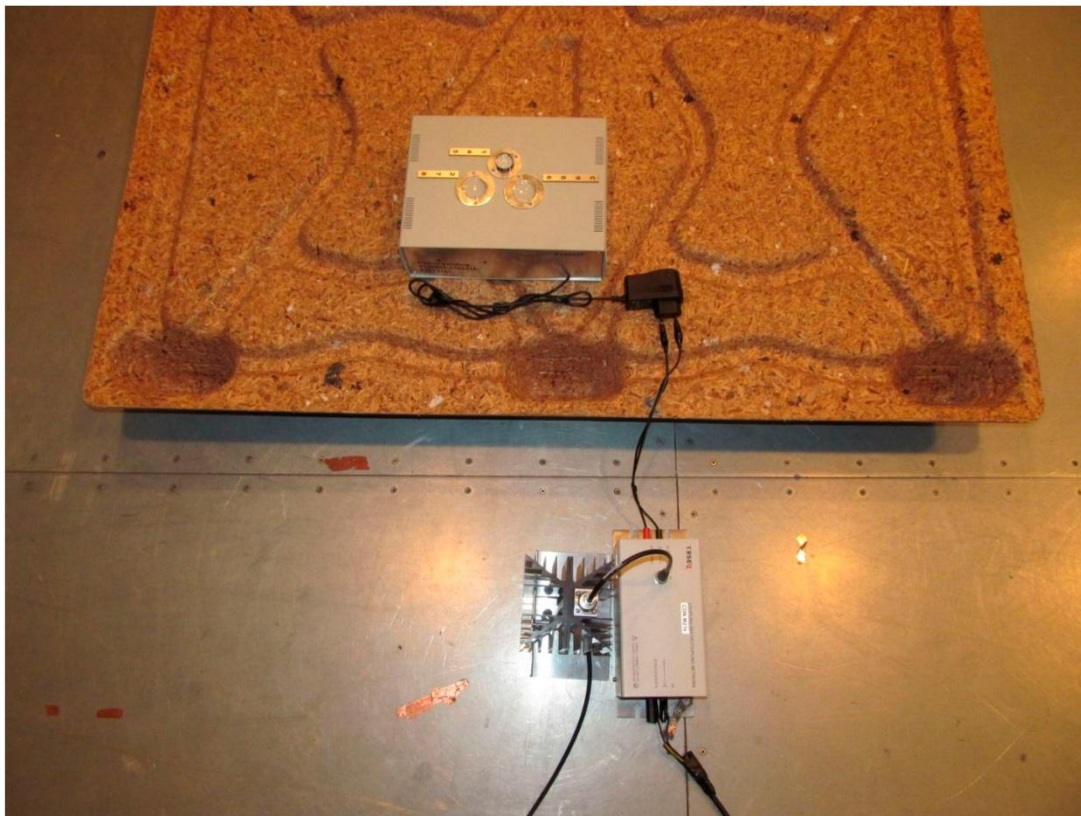
5.4.4. Comments

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.

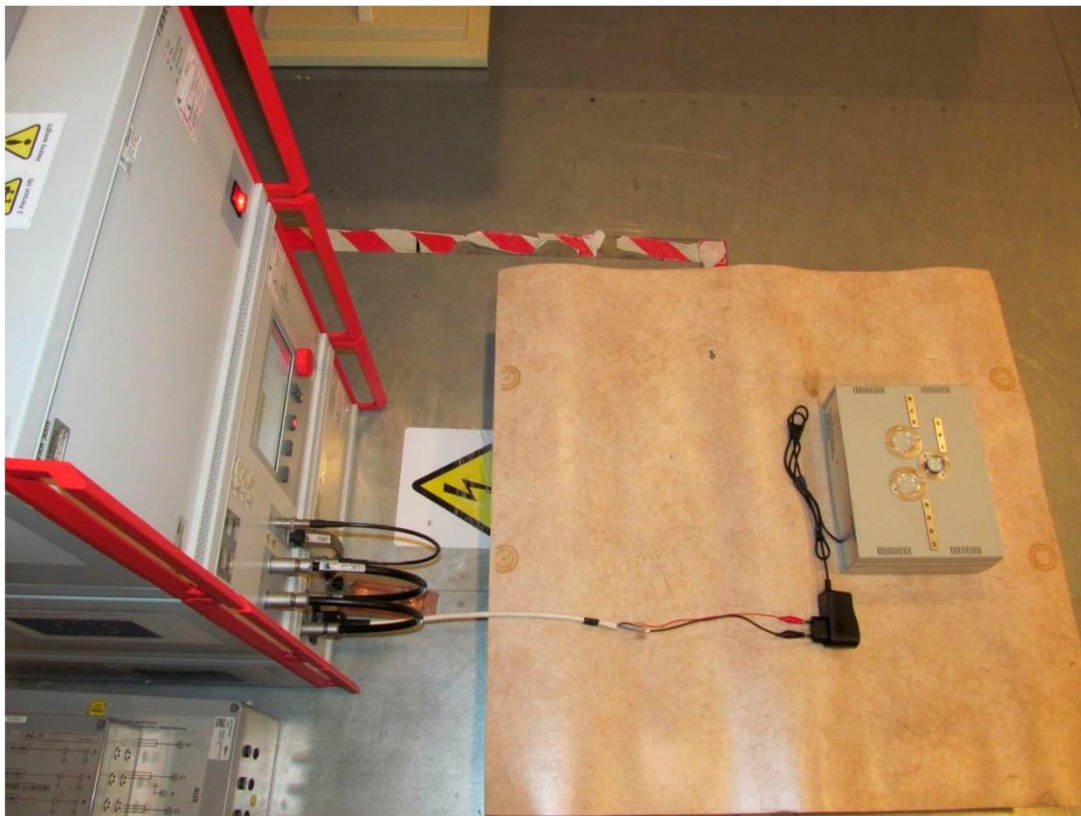
5.6.4. Comments

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: 2Ω
Pulse shape:	1.2/50 (8/20) μ s
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.

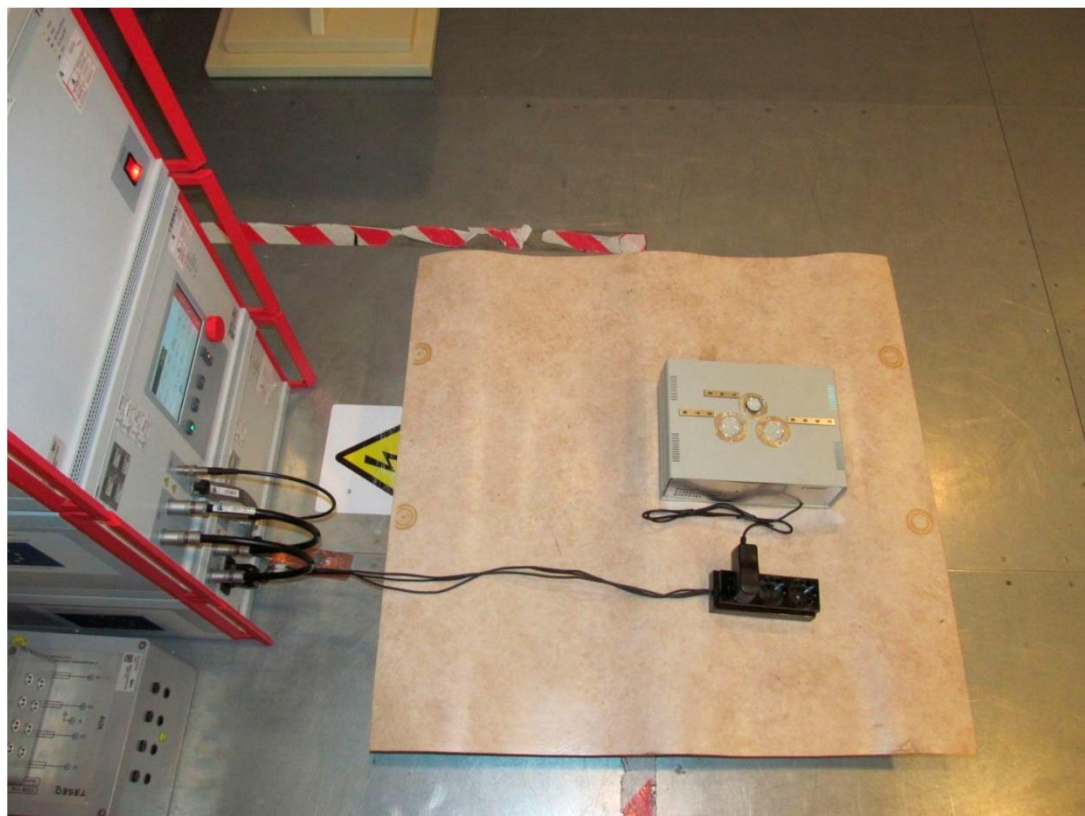
5.8.4. Comments

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.

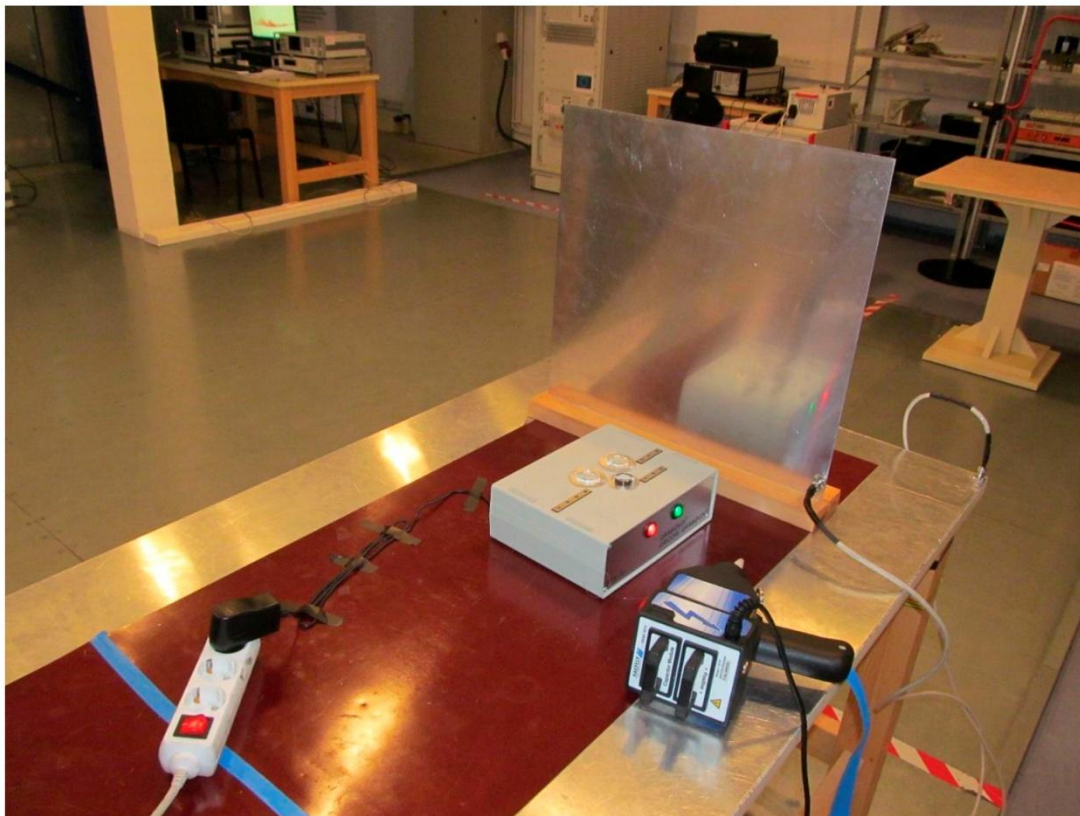
5.9.4. Comments

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

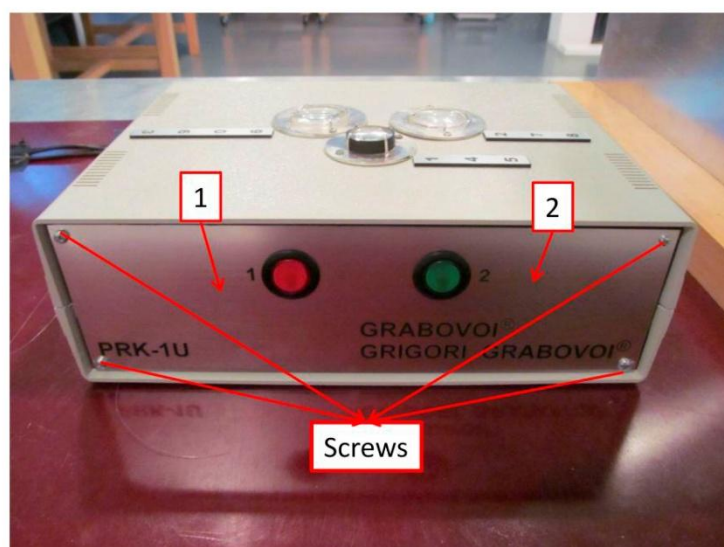
Environment conditions:

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

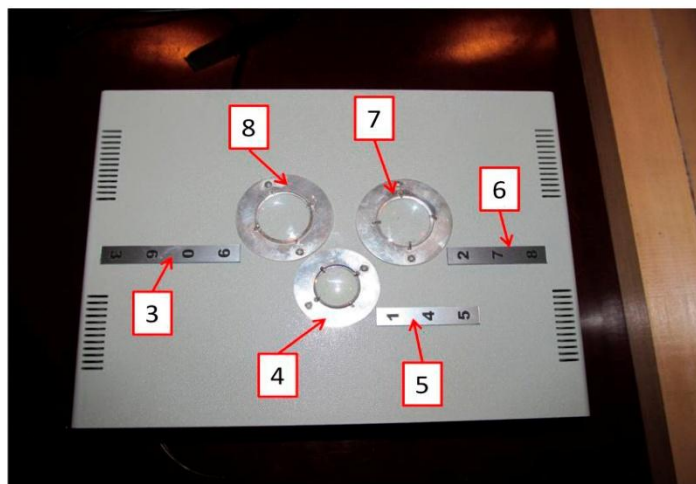
5.10.2. Results

Discharge type – Contact discharge (A, B, C, D – performance criteria, X – not tested)			
Test level [kV]	+4	-4	Notes
Place of discharge			
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.

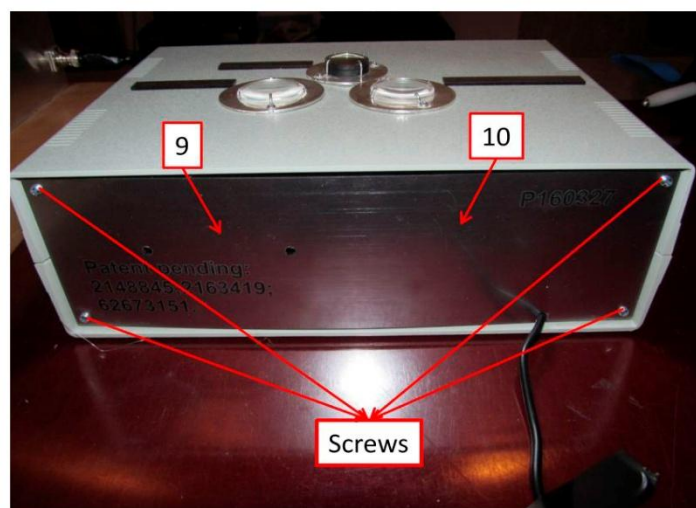
Discharge type – Air discharge (A, B, C, D – performance criteria, X – not tested)							
Test level [kV]	+2	-2	+4	-4	+8	-8	Notes
Place of discharge							
Housing	A	A	A	A	A	A	No discharge. No deviations observed.
Buttons	A	A	A	A	A	A	No discharge. No deviations observed.
Vents	A	A	A	A	A	A	No discharge. 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: $U_{LAB} = U_{CISPR} = 3.4 \text{ dB}$ - 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

O Relatório do Certificado em Serviço

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IZVEŠTAJ SA EMC ISPITIVANJA broj

496-1

Datum izveštaja:

17.08.2018.

Datum ispitivanja:

19. – 26.07.2018.

Broj posla:

496



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 Andriana Lazić

LAB inženjer Milivoje Miletić

Verifikovao:

LAB inženjer Andriana Lazić



Odobrio:

Tehnički rukovodilac Saša Jorgovanović

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

Izveštaj ne važi bez potpisa/overe. Zabranjeno umnožavanje, osim u celini.
Izveštaj sa EMC ispitivanja bro 496-1

obrazac IL.QP.05.01/02.1
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 - 2.3. Modovi/režimi rada
 - 2.4. Pomoćna oprema
 - 2.5. Kriterijumi i performanse
 - 2.6. Napomene o proizvodu
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- 4. Metode ispitivanja i skraćeni prikaz rezultata
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- 9. Prilozi

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-operator 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

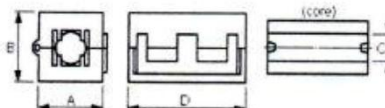
Napomena: ne smatra se da je EUT medicinski uređaj.

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 dodatke 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.

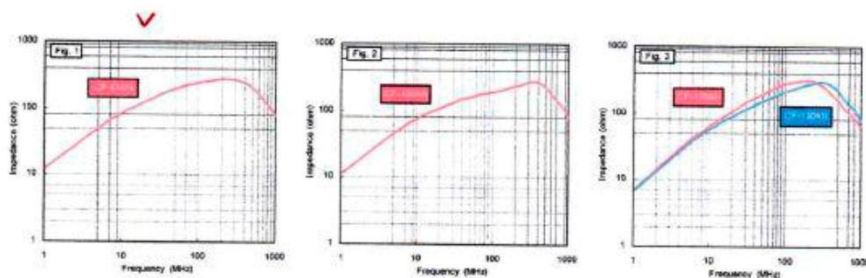
Podaci od AC/DC adapteru

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

Split EMI Suppression Cores (CF Series)

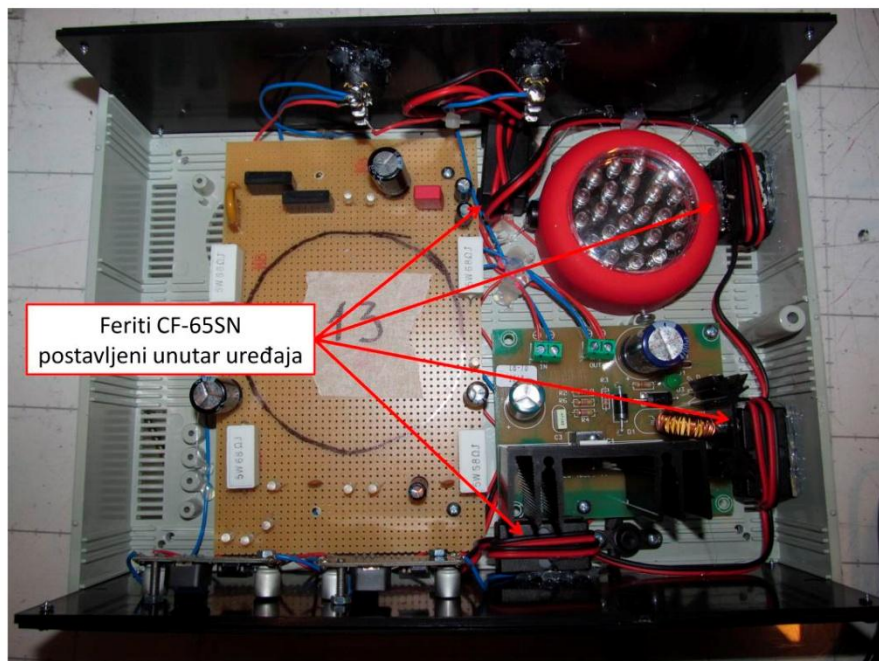


Part Number	A (mm)	B (mm)	C (mm)	D (mm)	Typical Impedance (ohm)		Z-F Fig.
					25MHz	100MHz	
CF-65SN	17.8	19.5	6.5	32.5	140	240	1
CF-100SN	22.3	23.3	10.0	32.6	120	190	2
CF-130SN	29.6	30.5	13.0	33.0	125	280	3



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



2.2. Fotografije/šeme



EUT (prvi uzorak), prednja strana



EUT (prvi uzorak), gornja strana



EUT (prvi uzorak), desna strana



EUT (prvi uzorak), leva strana



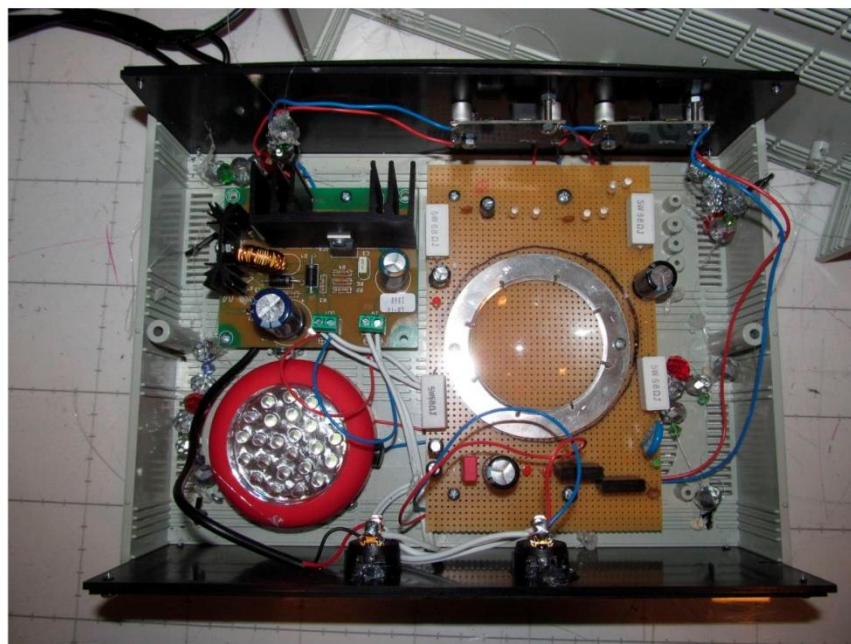
EUT (prvi uzorak), zadnja strana



EUT (prvi uzorak), donja strana



AC/DC adapter (prvi uzorak)



EUT (prvi uzorak), unutra



EUT (drugi uzorak), prednja strana



EUT (drugi uzorak), gornja strana



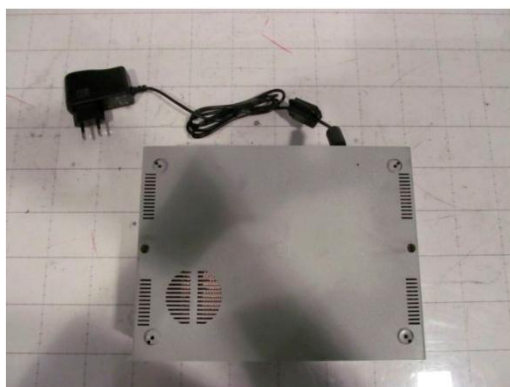
EUT (drugi uzorak), desna strana



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 uključuje se pritiskom na taster 1. EUT je sada u prvom režimu rada, što je neka vrsta standby režima. Pritiskom na taster 2 uključuje se LED svetiljka. Ovo je drugi režim rada. Uređaj se u treći režim rada pušta tako što se uređaj isključuje na taster 1, dok je taster 2 ostao u položaju za uključivanje drugog režima, a zatim se tasterom 1 uređaj ponovo uključuje. LED svetiljka daje sada pulsirajuće svetlo. Uređaj je sada u trećem režimu rada.

Izveštaj ne važi bez potpisa/overe. Zabranjeno umnožavanje, osim u celini.
Izveštaj sa EMC ispitivanja bro 496-1

obrazac IL.QP.05.01/02.1
strana 9 od 32

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:		
<i>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.</i> <i>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.</i> <i>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.</i>		
Kriterijum	Opis performansi 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 μ S ± 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

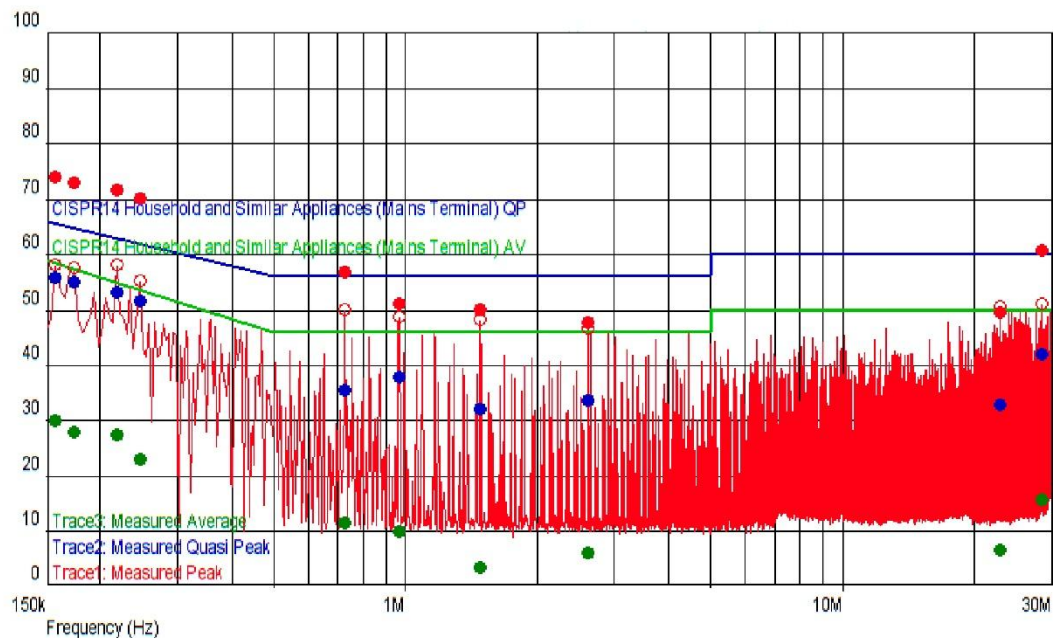
Datum: 19.07.2018.
Test standard: SRPS EN 55014-1:2010 + A1:2010 +A2:2012
Testirala: Andrijana Lazić

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.

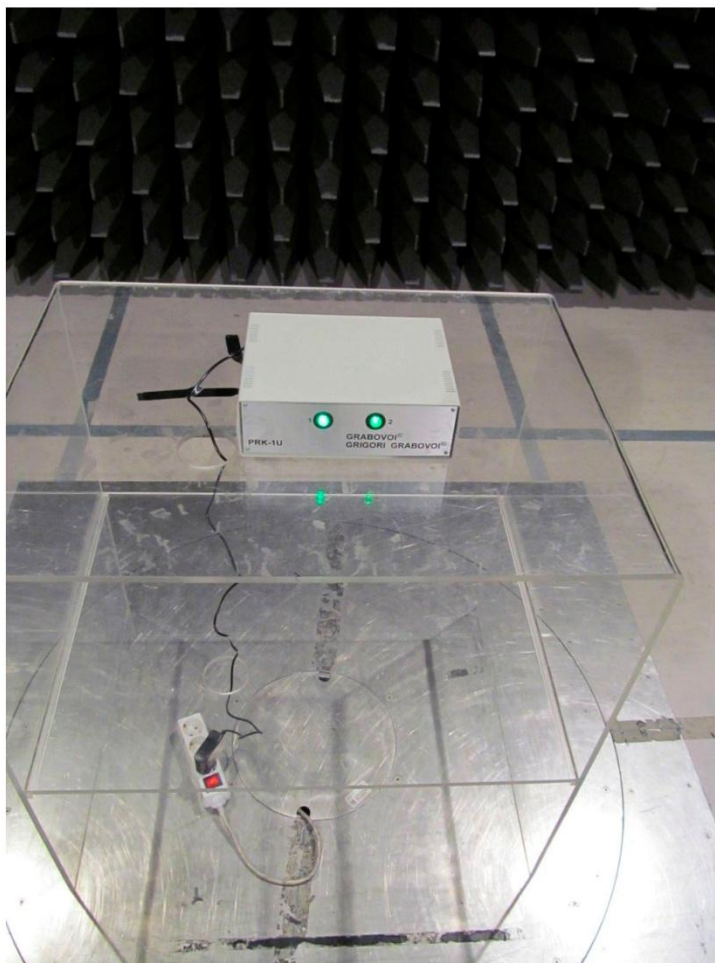
5.1.4.Komentari

Nema.

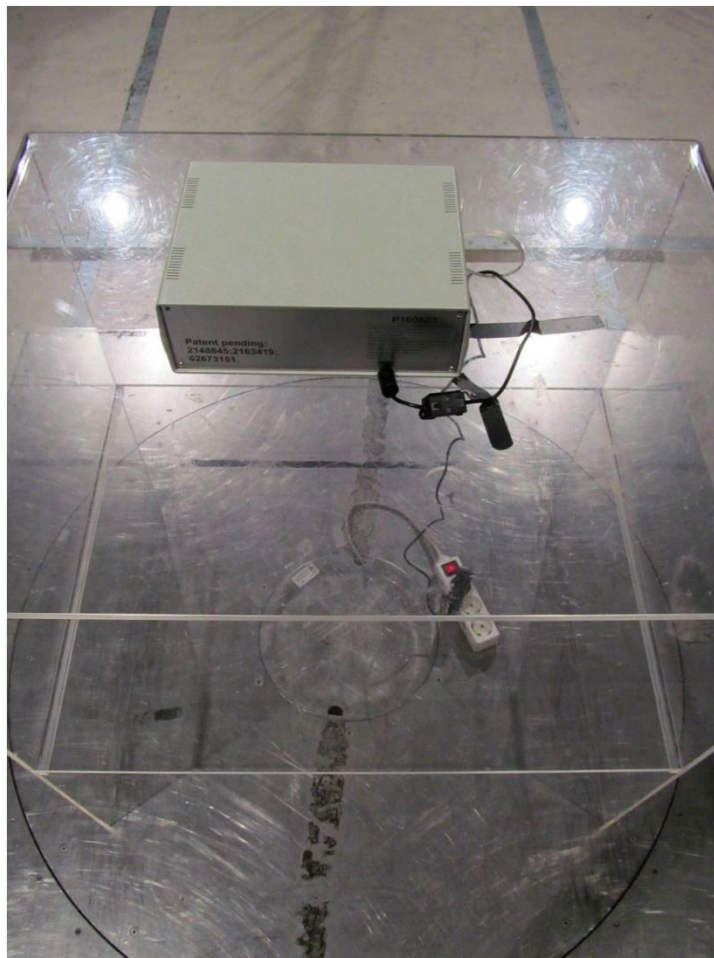
5.2. Ispitivanje radijacione emisije

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

5.2.1. Setup (ispitna postavka)



Prednja strana



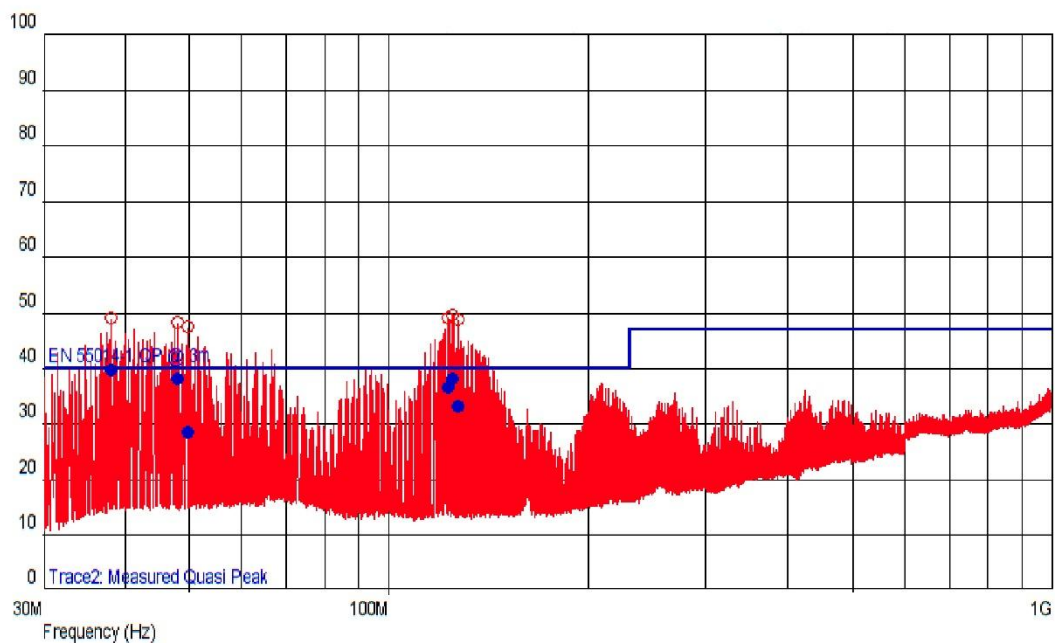
Zadnja strana

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.

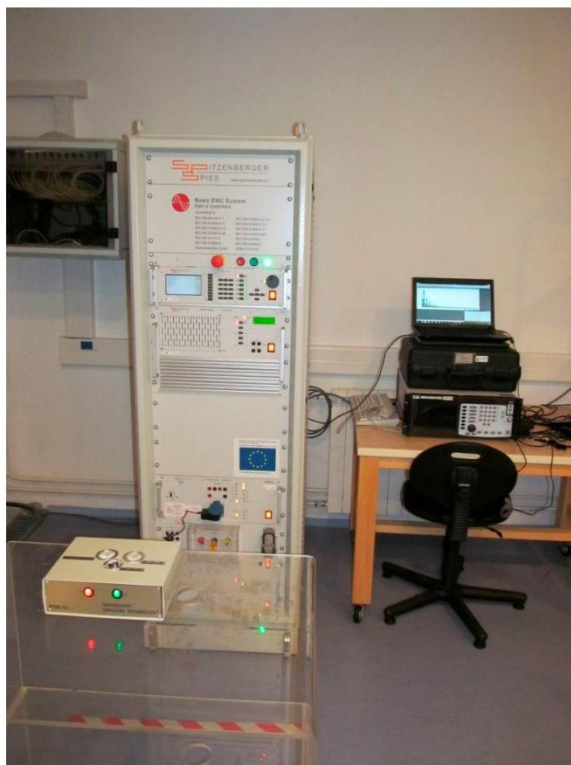
5.2.4. Komentari

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		P	F
	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.

Izveštaj ne važi bez potpisa/overe. Zabranjeno umnožavanje, osim u celini.
Izveštaj sa EMC ispitivanja bro 496-1

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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.

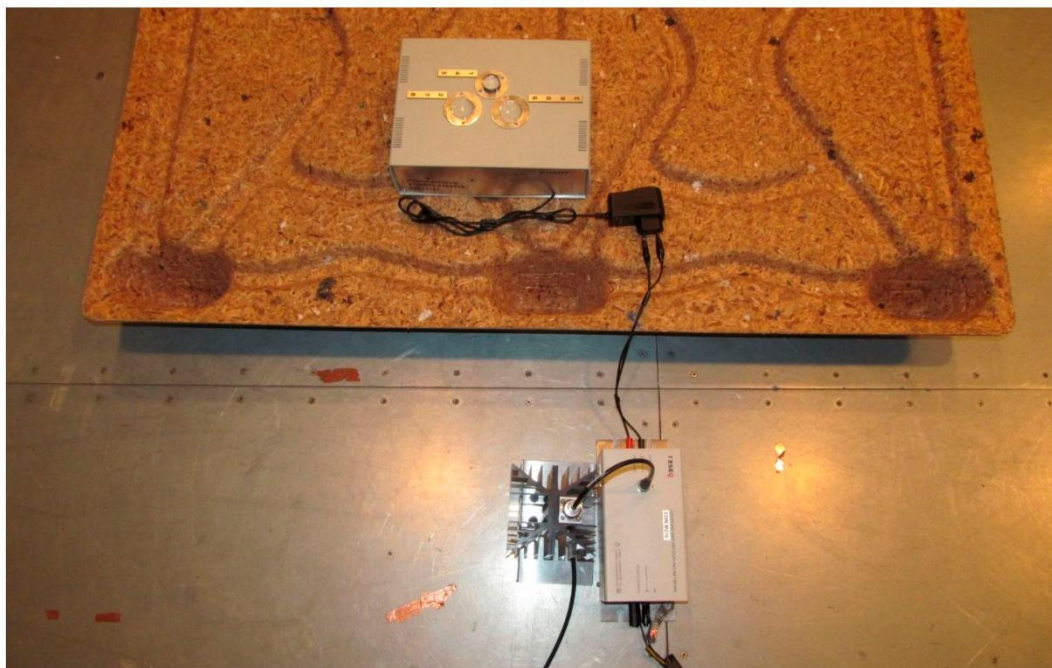
5.4.4. Komentari

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.

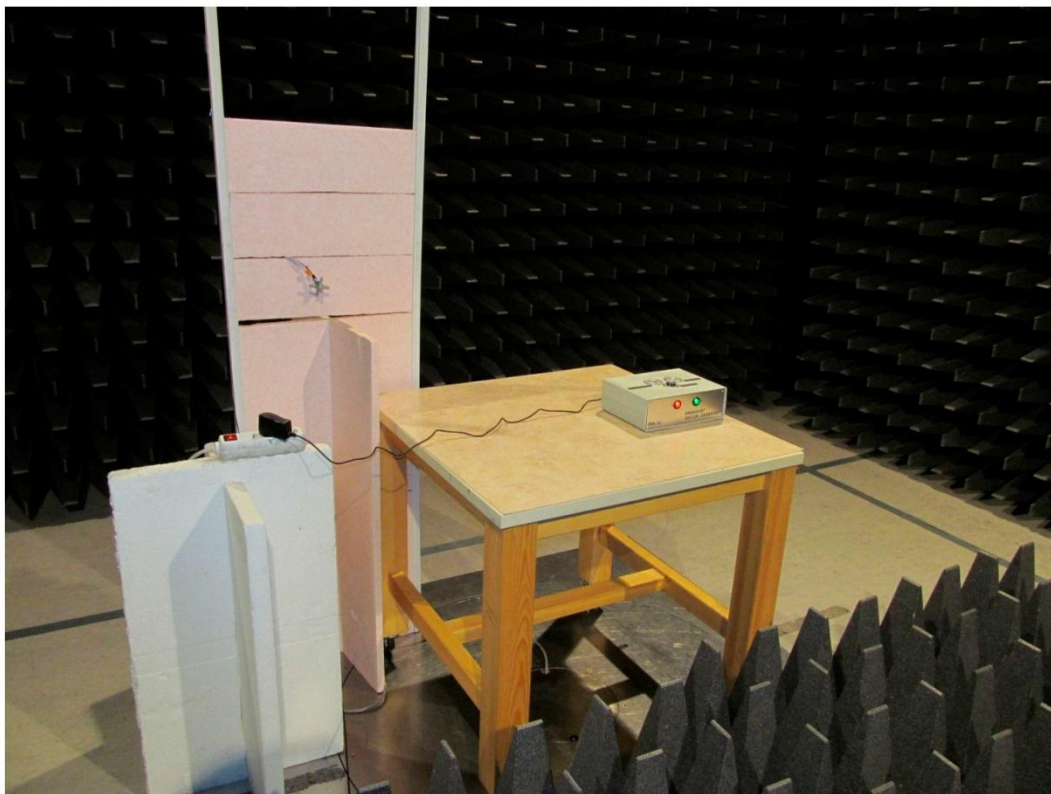
5.5.4. Komentari

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.

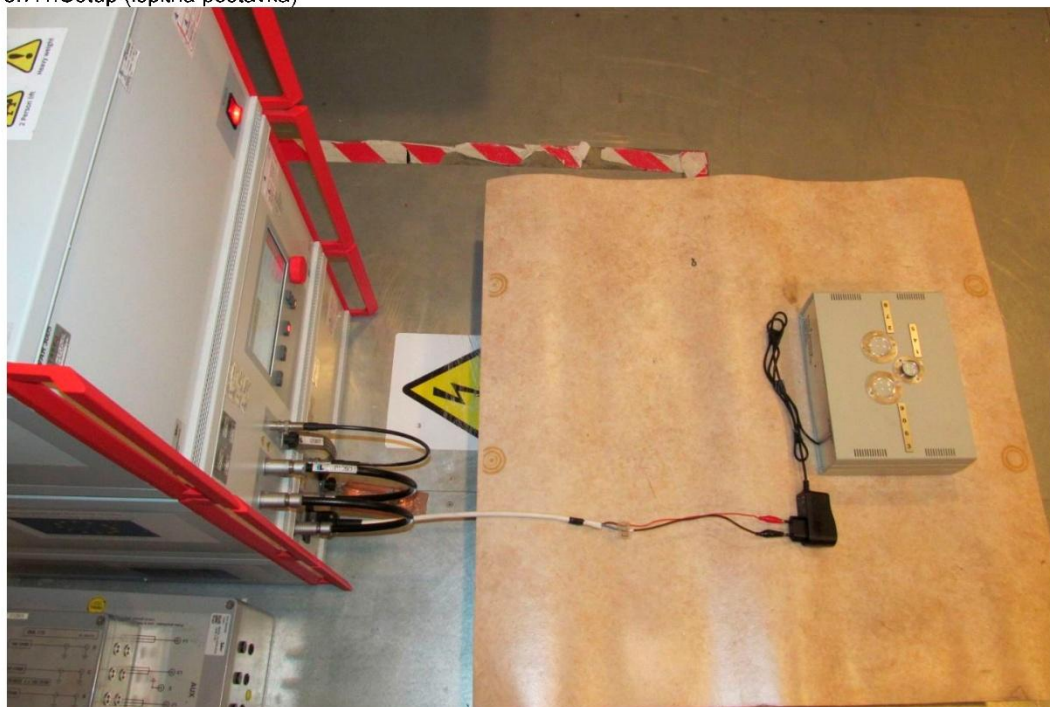
5.6.4.Komentari

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.

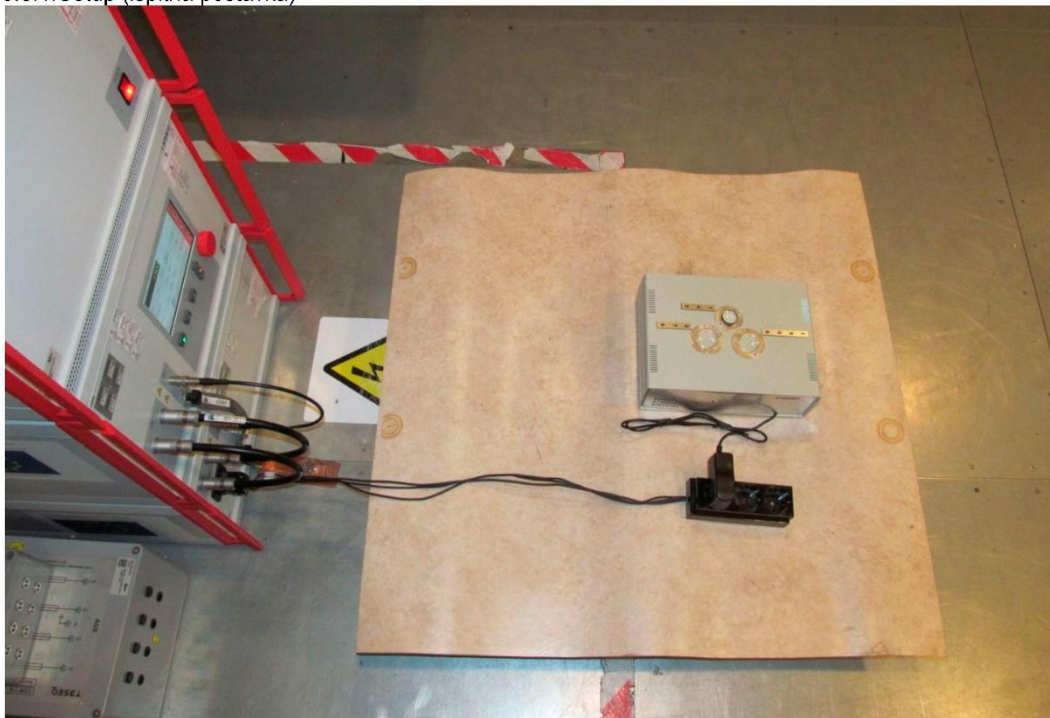
*Izveštaj ne važi bez potpisa/overe. Zabranjeno umnožavanje, osim u celini.
Izveštaj sa EMC ispitivanja bro 496-1*

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5.8. Ispitivanje imunosti na prenaponski impuls

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

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) μ s
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.

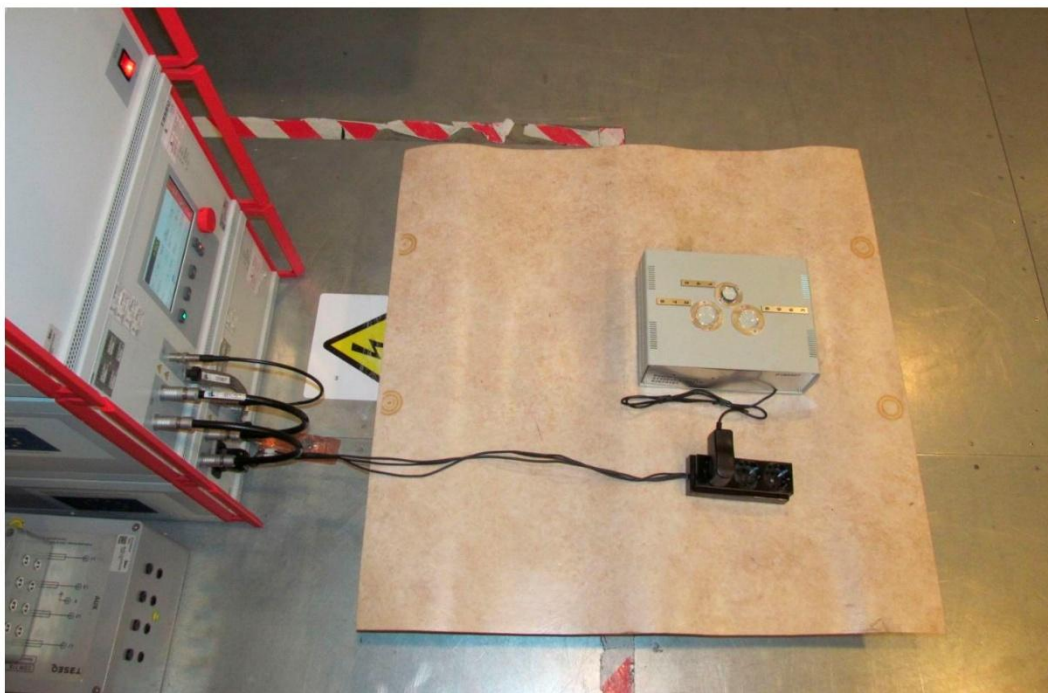
5.8.4. Komentari

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.

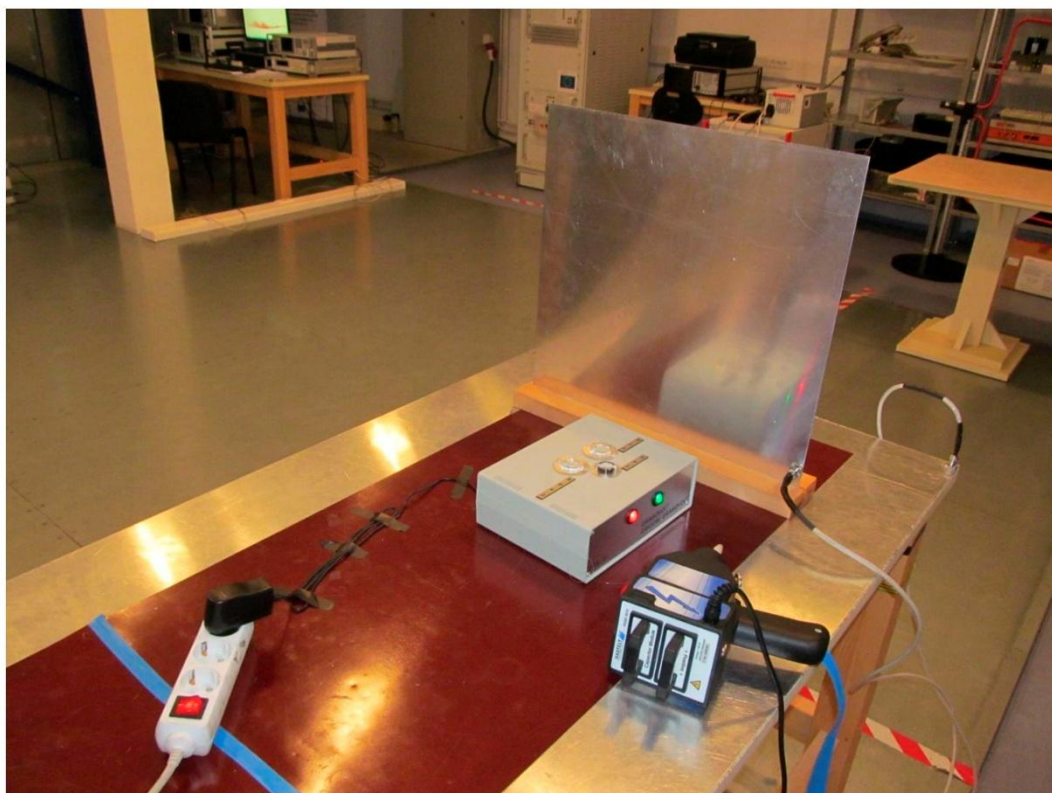
*Izveštaj ne važi bez potpisa/overe. Zabranjeno umnožavanje, osim u celini.
Izveštaj sa EMC ispitivanja bro 496-1*

*obrazac IL.QP.05.01/02.1
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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:

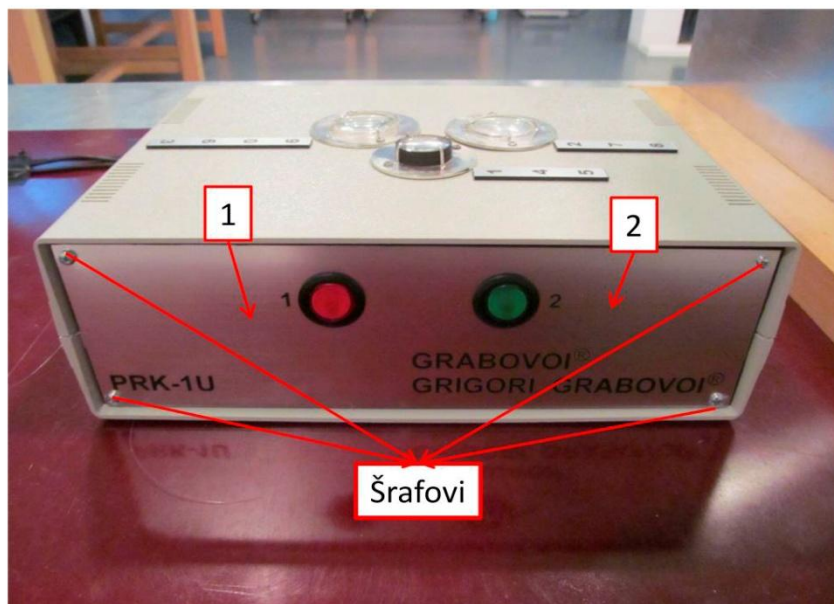
Temperatura: 21,3 °C
Relativna vlažnost vazduha: 62,1 %
Atmosferski pritisak: 993 hPa

Režim rada: Treći režim

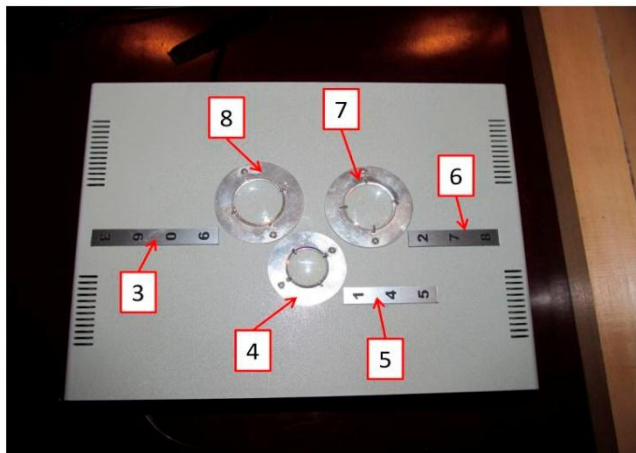
5.10.2. Rezultati

Tip pražnjenja – KONTAKTNO			
Ispitni nivo [kV]	+4	-4	NAPOMENE
Mesto pražnjenja			
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.

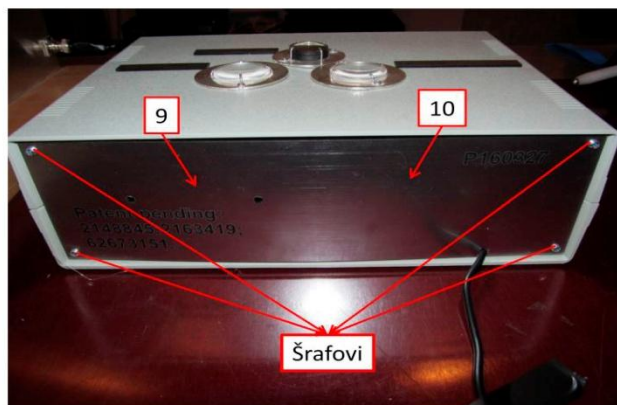
Tip pražnjenja - VAZDUŠNO							
Ispitni nivo [kV]	+2	-2	+4	-4	+8	-8	NAPOMENE
Mesto pražnjenja							
Plastično kućište	A	A	A	A	A	A	Bez varnice. Bez promena u radu uređaja.
Tasteri	A	A	A	A	A	A	Bez varnice. Bez promena u radu uređaja.
Ventilaioni otvori	A	A	A	A	A	A	Bez varnice. Bez promena u radu uređaja.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

O certificado do Laboratório Vinča ("Instituto Vinča") sobre a conformidade do instrumento com os padrões aceitos e as duas primeiras páginas e as duas páginas finais do texto do relatório para o certificado

(Tradução da língua sérvia)

Instituto de Ciências Nucleares "VINCA"
Corpo Nomeado para Avaliação de Conformidade

Com fundamento no artigo 13. da Portaria sobre equipamentos elétricos destinados ao uso dentro de certos limites de tensão (Diário Oficial da RS no. 25/2016) e a Decisão sobre a expansão do escopo de nomeações no. 021-00-116/2011-08 de 01.12.2011. do Ministério da Economia e Desenvolvimento Regional, a requerimento de

"Grigorij Grabovoi" PR, Konsalting Technologies of Eternal Development, Belgrado,
Rua Kneza Mihaila 21a, TC "Milenijum", II andar, local no.113, 11000 Belgrado

emite-se o

ATESTADO DE CONFORMIDADE no. VINCA.PU.18AD262

Fabricante: "Grigorij Grabovoi" PR, Konsalting Technologies of Eternal Development, Belgrado, Rua Kneza Mihaila 21a, TC "Milenijum", II andar, local 113, 11100 Belgrado, Sérvia

Produto, tipo (modelo): Dispositivo para o desenvolvimento de concentrações de vida eterna PRK-1U tri-mod

Características do produto: 100 - 240 V; 50 / 60 Hz 6,5 W Classe II IPXO
Norma: SRPS EN 60335-1:2012 + A11:2015 +AC:2014
Relatório de avaliação no. CN-PU 297/ 18 od 03.09.2018.
Validade do atestado : até 03.09.2023.

Com base no exame da documentação técnica fornecida pelo fabricante e na declaração de conformidade, pelo presente certifica-se que o equipamento elétrico citado está em conformidade com as disposições de segurança do **Livro de Regras sobre o equipamento elétrico destinado ao uso dentro de certos limites de tensão** (Diário Oficial da RS no. 25/2016) .

Com base no Artigo 14 e no Anexo 5 do Livro de Regras aplicado, para o presente tipo de produto a marca de conformidade da Sérvia é aplicável.

Data:	Gerente do Centro de Proteção	Serviço de certificação
03.09.2018.	contra Explosões CENEx	Gerente executivo
	(assinatura)	(assinatura)
	Miroslav Tufegdžić, fis,dipl.	Dr Predrag Popović

Selo a óleo do Instituto de Ciências Nucleares "VINCA"

Endereço: 11001 Belgrado, Caixa de correio 552, Telefones: 011/3408-168, 011/630-8430
e-mail: biro@vinca.rs, <http://www.vinca.rs>

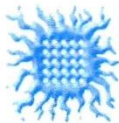
CERTIFICO que a presente é fiel tradução do original exarado em língua sérvia.

Em Belgrado, aos 21.01.2021.

No. 26/2021

Lidija Todorović
Tradutora pública juramentada para a língua
portuguesa, no. 74-4/77-o4 de 28.II 1977





ИНСТИТУТ ЗА НУКЛЕАРНЕ НАУКЕ «ВИНЧА»

Именовано тело за оцењивање усаглашености

"VINCA" Institute of Nuclear Sciences, Serbia
Body Appointed for Conformity Assessment



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 именованја 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

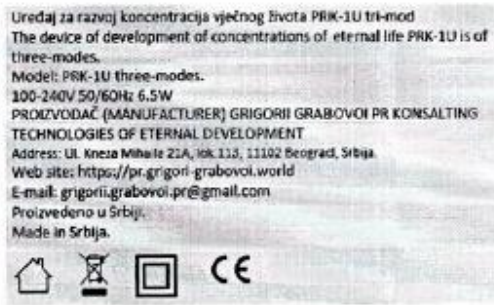
Мирослав Туфегџић, дипл.физ.

М.П.
Seal

Биро за сертификацију
Извршни руководилац
Executive Manager of
Certification Department

Др Предраг Поповић

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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-1U 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:	
 Uređaj za razvoj koncentracija vječnog života PRK-1U tri-mod The device of development of concentrations of eternal life PRK-1U is of three-modes. Model: PRK-1U three-modes. 100-240V 50/60Hz 6.5W PROIZVOĐAČ (MANUFACTURER) GRIGORII GRABOVOI PR KONSALTING TECHNOLOGIES OF ETERNAL DEVELOPMENT Address: Ul. Kneza Mihaila 21a, lok. 113, 11102 Beograd, Srbija Web site: https://pr.grigori-grabovoi.world E-mail: grigori.grabovoi.pr@gmail.com Proizvedeno u Srbiji. Made in Srbija.    	

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. Conclusion: 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 <u>comma</u> (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 plastics. 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.
Contents: Test report – 105 pages.

EN 60335-1			
Cl.	Requirement - Test	Result	Verdict

Photos



EN 60335-1			
Cl.	Requirement – Test	Result	Verdict



End of Test Report

