

# STUDY OF PRANAN DEVICES EFFECTIVENESS TO NEUTRALIZE THE HARMFUL EFFECTS OF LOW-INTENSITY RADIATIONS FROM MOBILE PHONES ON THE HUMAN BODY

Measurements made using **GDV-EPC** Bioelectrography  
Dr. K. Korotkov's **GDV<sup>1</sup>-EPC<sup>2</sup>** System. Technology developed at the  
St. Petersburg State University

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1 GDV: Gas Discharge Visualization  
2 EPC: ElectroPhotonic Capture

## AIM OF THE STUDY

The purpose of this study is to test the effectiveness of the devices PhiWaves and PhiOne developed and patented by Pranan Technologies, aimed at counteracting the possible negative impact of mobile telephony on the human body.

The study is performed with the simultaneous application of the two devices.

## MEASUREMENTS

The GDV-EPC System developed by Dr. Konstantin Korotkov is a system that measures the state of the Human Energy Field (HEF) and allows its study with scientific methodology.

First, the subject's bioenergetic status is measured.

Secondly, it is measured how the low-intensity electromagnetic radiation (from mobile phone) alter the bioenergetic balance in the human body.

Afterwards, it is measured Pranan devices (Phone and PhiWaves) capability to reverse disruptions caused in the HEF and the Meridians.

The GDV-EPC measurements are called BioGrams (1), these are the starting point of the entire GDV-EPC System. The System captures the electrophotonic emission (Electro Photonic Capture) emitted by any material entity. In this case the electrophotonic emission emitted by fingertips (which have within the 49 measurable bioenergetic meridians). This is a unique case study. The GDV-EPC system generates images for groups of 10 BioGrams.

## HYPOTHESIS

This study works on two hypotheses:

**1st hypothesis:** to analyze the extent to which Mobile Telephony adversely alters the HEC (Human Energy Field) and the Bioenergetic Meridians System.

**2nd hypothesis:** to test the effectiveness of the devices PhiWaves and Phone developed by Pranan Technologies, to protect the HEC itself and the Meridians System.

## MEASUREMENTS RESULTS

### 1. GDV-EPC BioGrams

Figure 01. **BioGrams, before** talking on the mobile phone WITHOUT PRANAN PROTECTORS

Figure 02. **BioGrams, after** talking on the mobile phone WITHOUT PRANAN PROTECTORS

Figures 01 and 02 show the experimental subject's BioGrams before and after 57 minutes talking on the mobile phone, with phone attached to the left ear with an adhesive tape (to avoid the influence mobile phone might cause on the left hand, since measurements are precisely made on the hand fingertips).

As it can be seen by comparing the BioGrams BEFORE vs. AFTER talking on the mobile phone, figures 01 and 02, when subject was not wearing Pranan protectors (WITHOUT PRANAN PROTECTORS) the left hand BioGrams (labeled 1L, 2L, 3L, 4L and 5L) are negatively affected, that is, the HEF area disappears in some sectors (each organ corresponds with two meridians).

(1) *ElectroPhotonic Emission: Alexander Gavrilovich Gurwitsch (1874-1954) was a Ukrainian biologist who discovered the BioPhoton. He proved that biological cellular systems communicate with each other in the UV (ultraviolet) range, in ultraweak emission. This UV emission is what the GDV-EPC system captures, hence the acronym EPC ElectroPhotonicCapture. And hence also the name "BioGram", graphical representation of Life. Life is sustained by the electrophotons, also called "phi electrons", electrons with an associated photon.*

Figure 01. **BioGrams**, before talking on the mobile phone WITHOUT PRANAN PROTECTORS

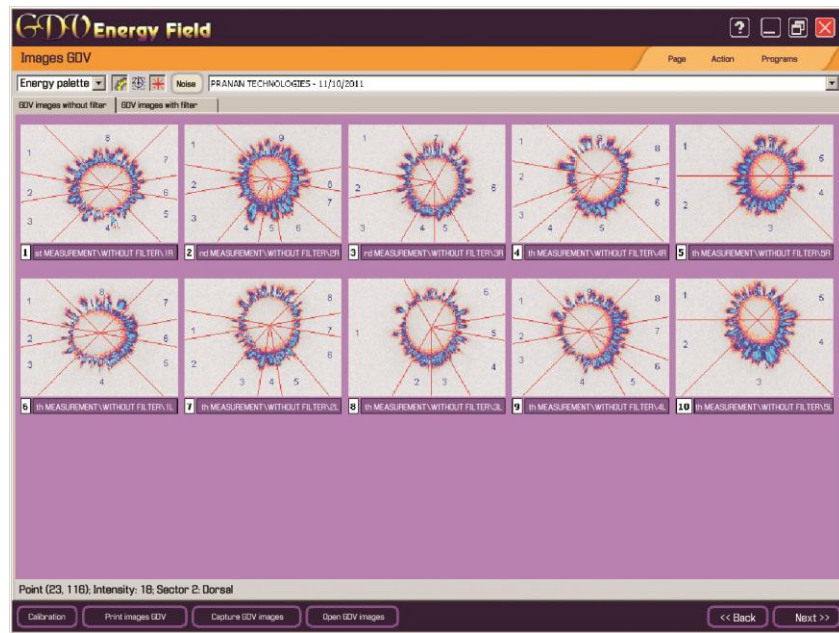


Figure 02. **BioGrams**, after talking on the mobile phone WITHOUT PRANAN PROTECTORS



Figure 03. **BioGrams**, before talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves).

Figure 04. **BioGrams**, after talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves).

Figures 03 and 04 show the same experimental subject's BioGrams, two days later. This 2-days time period was decided in order to restore the HEF balance that had been unstructured by the 57 minutes mobile phone talk, using the mobile phone WITHOUT PRANAN DEVICES.

In this case, subject was talking on the mobile phone for 43 minutes with the mobile phone also attached to the left ear with an adhesive tape, to avoid the influence phone might cause on the left hand, since measurements are made on the hand fingertips, as the first measurements without protectors. The difference on this mobile phone talk was that PhiOne protector was attached to mobile (adhered to the back cover of the phone) and the experimental subject also carried the PhiWaves protector in his shirt pocket.

As it can be seen by comparing the BioGrams BEFORE vs. AFTER the mobile phone talk WITH PROTECTORS, the left hand BioGrams (labeled 1L, 2L, 3L, 4L and 5L) are not adversely affected, quite the contrary, they slightly improve,

seeing that they significantly improve afterwards, when the GDV-EPC system quantifies these measurements.

Figure03. **BioGrams**, before talking on the mobile phone WITH PROTECTORS (PhiOne + PhiWaves)



Figure 04. **BioGrams**, after talking on the mobile phone WITH PROTECTORS (PhiOne + PhiWaves)



## 2. GDV-EPC Energy Field

Figure 05. **Energy Field**, before talking on the mobile phone WITHOUT PROTECTORS

Figure 06. **Energy Field**, after talking on the mobile phone WITHOUT PROTECTORS

Figures 05 and 06 show the Energy Field display (Energy BioField) before vs. after experimental subject talks on the



mobile phone. It clearly shows a decrease of the area in various left side meridians, where subject placed the phone (left ear). These data show how mobile phone use has partly unstructured the HEF.

Figure 05. **Energy Field, before** talking on the mobile phone WITHOUT PROTECTORS

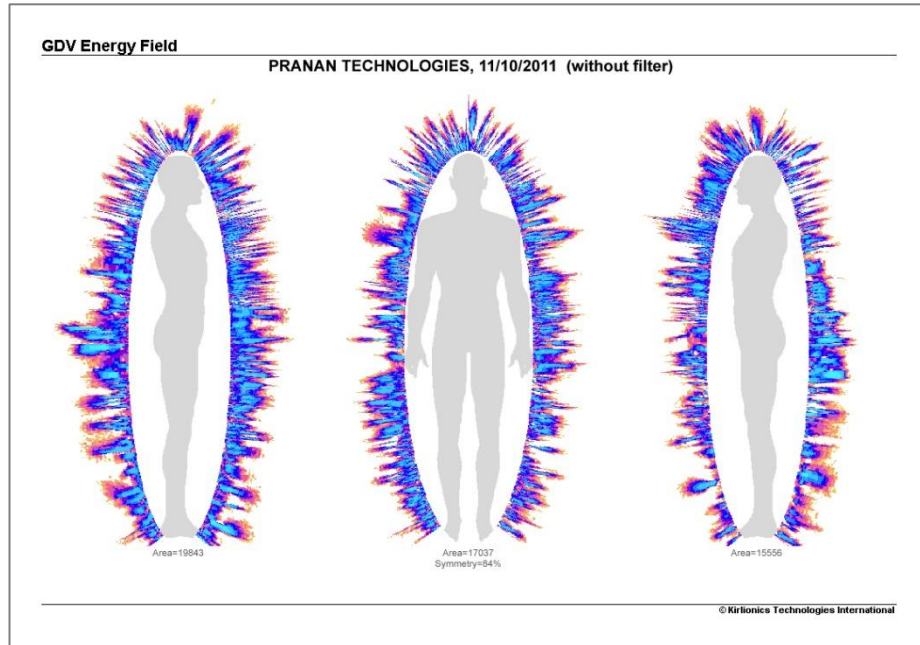


Figure 06. **Energy Field, after** talking on the mobile phone WITHOUT PROTECTORS

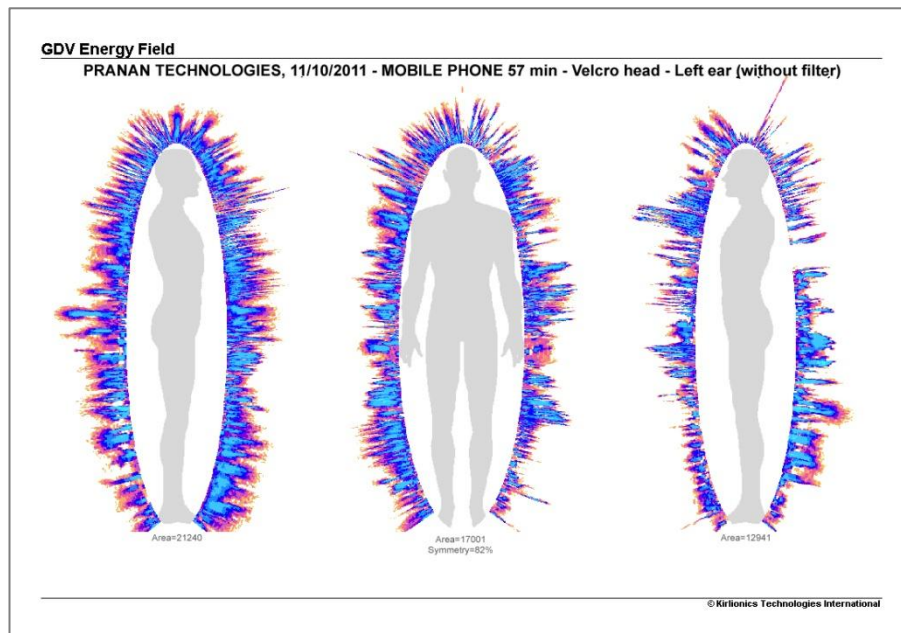


Figure 07. **Energy Field, before** talking on the mobile phone WITH PROTECTORS (PhiOne + PhiWaves)

Figure 08. **Energy Field, after** talking on the mobile phone WITH PROTECTORS (PhiOne + PhiWaves)

Figures 07 and 08 show the Energy Field display (Energy BioField) before vs. after experimental subject talks on the mobile phone, but this time WITH PROTECTORS (PhiOne and PhiWaves). It clearly shows a considerable increase of the area in various left side meridians, where subject placed the phone (left ear), on this occasion with protectors. These data show how the use of mobile phone WITH PROTECTORS (PhiOne and PhiWaves) not only neutralizes the negative effects of cell phone but partly structures the HEF too.

Figure 07. **Energy Field, before** talking on the mobile phone WITH PROTECTORS (PhiOne + PhiWaves)

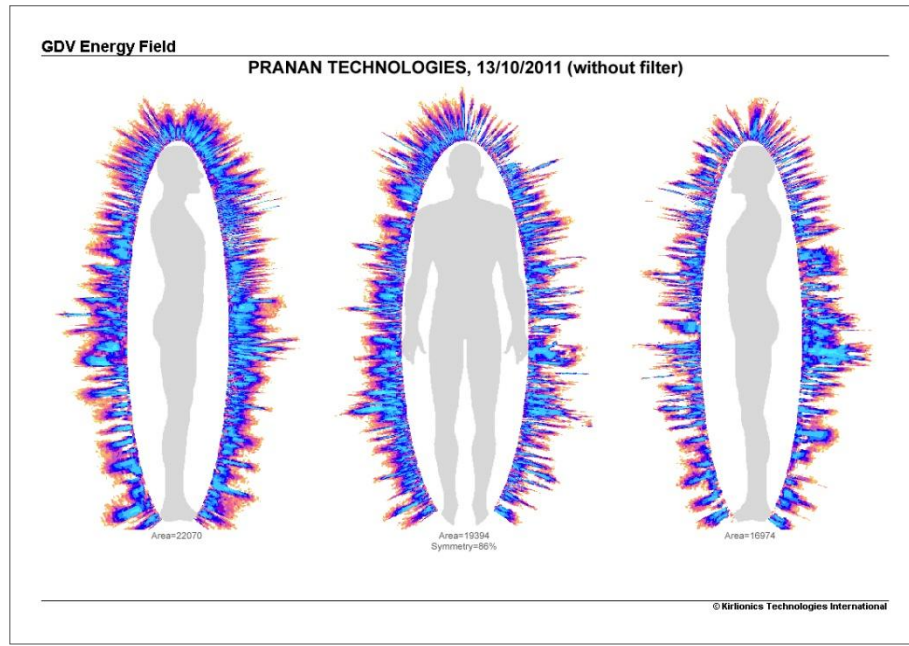
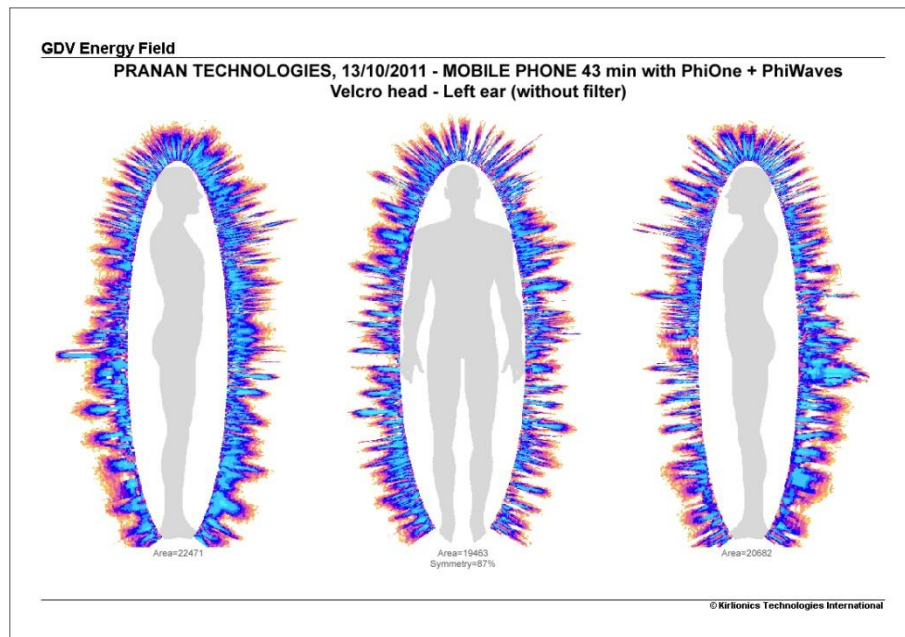


Figure 08. **Energy Field, after** talking on the mobile phone WITH PROTECTORS (PhiOne + PhiWaves)



The following figures quantify the data shown in Figures 05 to 08.

Figure 09. **Energy Field** (Active ElectroPhotonic Pixels)  
Comparison **before vs. after** talking on the mobile phone WITHOUT PROTECTORS.

Figure 09 compares the active electrophotonic pixels before and after talking on the mobile WITHOUT PROTECTORS (PhiOne and PhiWaves). Most significant is the energy decrease suffered by the subject's body left side meridians (side used for the mobile phone talk), whose energy field decreases by 16.8%, which is a very significant and negative value.

Figure 09. **Energy Field** (Active ElectroPhotonic Pixels) WITHOUT PROTECTORS

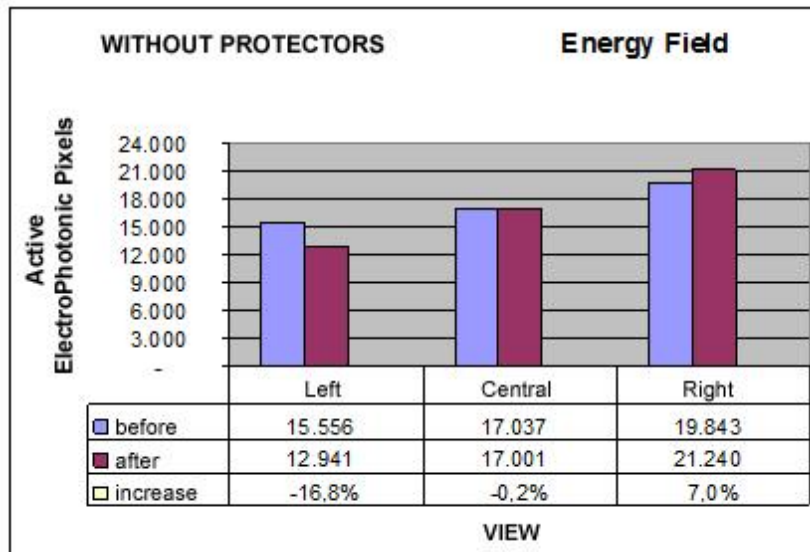


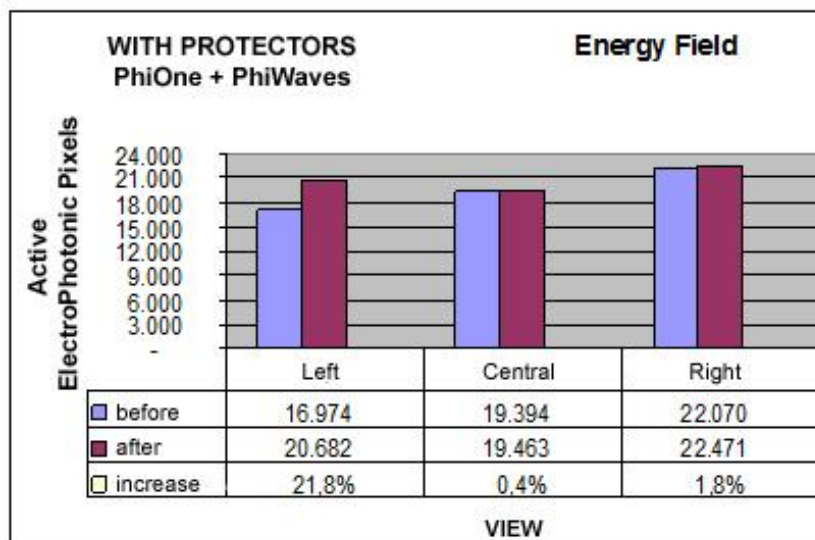
Figure 10. **Energy Field** (Active ElectroPhotonic Pixels)  
Comparison before vs. after talking on the mobile phone WITH PROTECTORS.

Figure 10 compares the active electrophotonic pixels before vs. after talking on the mobile phone WITH PROTECTORS (PhiOne and PhiWaves). Most significant is the energy increase in the subject's body left side meridians, whose energy field increases by 21.8%, which is a very significant and positive value.

This confirms Pranan Technologies information statement:

*"... Pranan Technology, does not store neither filters radiation, but transforms it into another frequency, wavelength and intensity, all beneficial to humans."*

Figure 10. **Energy Field** (Active ElectroPhotonic Pixels) WITH PROTECTORS (PhiOne+PhiWaves)



### 3. GDV-EPC Diagram

Figure 11. **Diagram**, before talking on the mobile phone WITHOUT PROTECTORS

Figure 12. **Diagram**, after talking on the mobile phone WITHOUT PROTECTORS

Figures 11 and 12 show the Diagram display before vs. after talking on the mobile phone WITHOUT PROTECTORS.

This screen quantifies the BioGrams information referring the energy balance of the main meridians measured by the GDV-EPC system. The yellow zone indicates energy excess, the green zone indicates energy balance and the pink zone indicates energy deficiency. The red lines indicate the measurements **Without GDV Filter** and the blue lines indicate the measurements **With GDV Filter**.

Figure 12 shows how body left side meridians, where subject placed the mobile phone, worsen significantly. Before talking on the mobile there were 2 meridians with energy deficiency (spleen and spine). After talking on the mobile WITHOUT PROTECTORS 13 meridians show energy deficiency (Spleen, Hypothalamus, Epiphysis, Nervous System, Sacrum, Lumbar Zone, Spine Zone, Cervical Zone, Left Kidney, Rectum, Sigmoid Colon, Descending Colon and Cardiovascular System). It is striking, and it is "logical", how the subject's right side meridians are not affected: before the mobile talk there was one only meridian with deficiency and after the talk there is still one meridian with energy deficiency.

Figure 11. **Diagram, before** talking on the mobile phone WITHOUT PROTECTORS

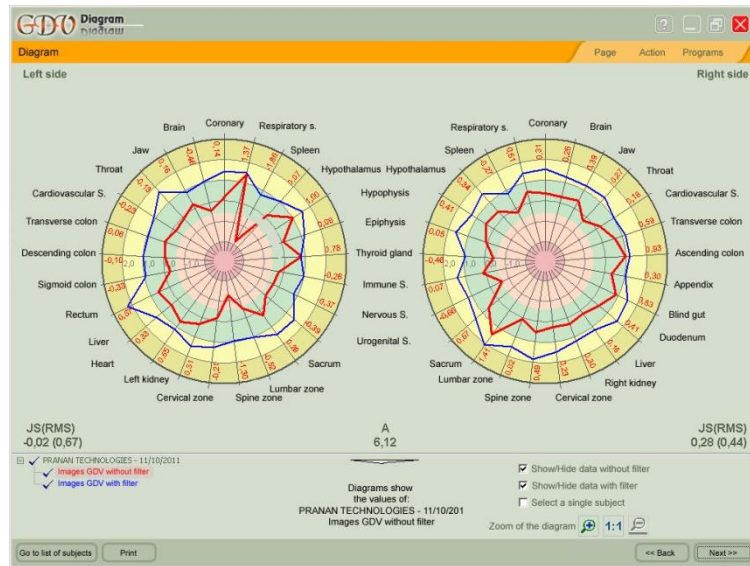


Figure 12. **Diagram, after** talking on the mobile phone WITHOUT PROTECTORS

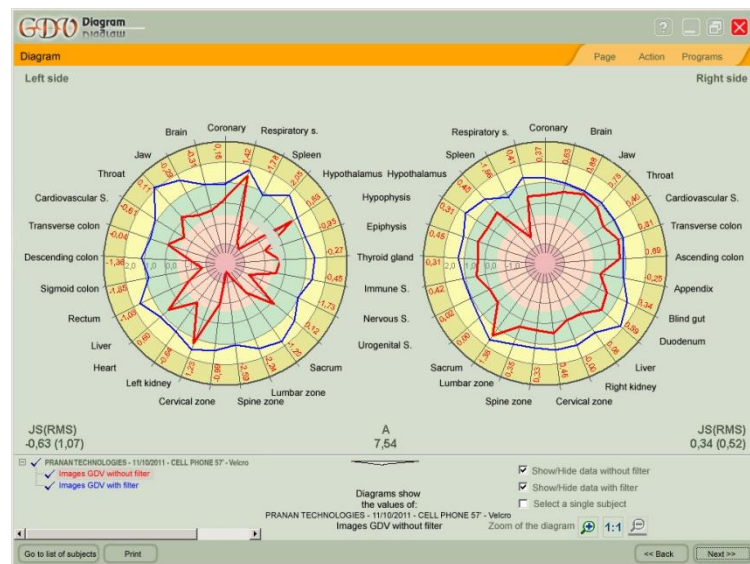


Figure 13. **Diagram, before** talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves)

Figure 14. **Diagram, after** talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves)

Figures 13 and 14 show the Diagram display before vs after talk WITH PROTECTORS (PhiOne and PhiWaves)

This display quantifies the BioGrams information referring the energy balance of the main meridians measured by the GDV-EPC system. The yellow zone indicates energy excess, the green zone indicates energy balance and the pink zone



indicates energy deficiency. The red lines indicate the measurements **Without GDV Filter** and the blue lines the measurements **With GDV Filter**.

Figure 14 shows how subject's body left side meridians, where phone was placed, keep the balance, before mobile talk there was a meridian with energy deficiency and afterwards there also remains a meridian with energy deficiency.

Once again, it is confirmed how Pranan Technologies protectors benefit and structure the HEF, this time on the Diagram display, which shows the quantification of the marker considered: Human Being ElectroPhotonic Emission.

Figure 13. **Diagram, before talking on the mobile phone WITH PROTECTORS (PhiOne + PhiWaves)**

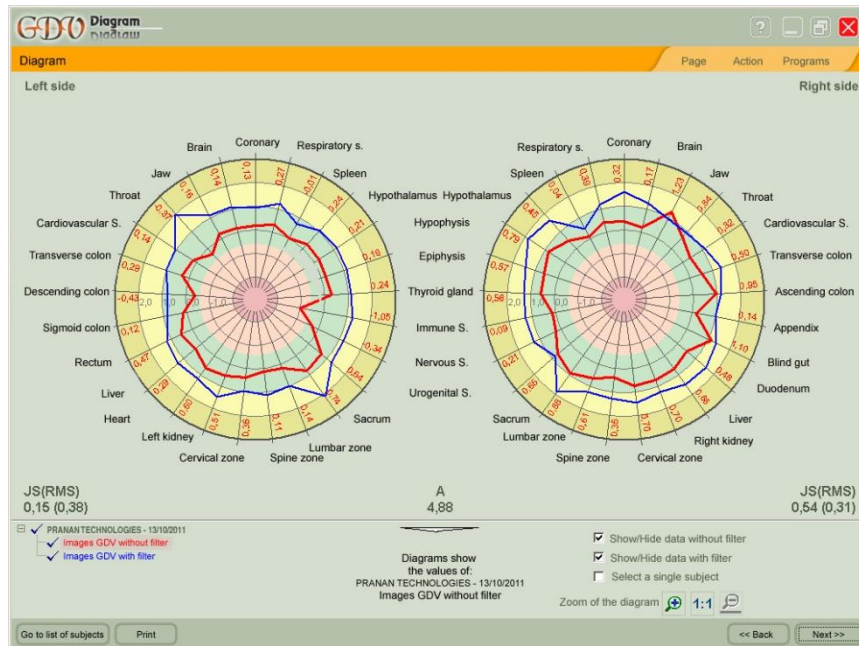
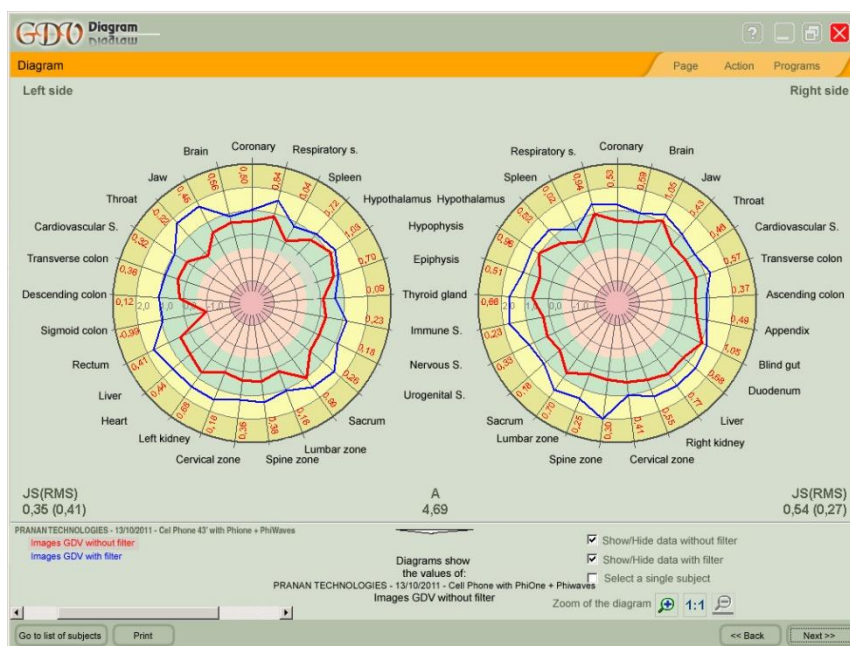


Figure 14. **Diagram, after talking on the mobile phone WITH PROTECTORS (Phone + Phiwaves)**



#### 4. EPC-GDV Vital Energy

Figure 15. **Vital Energy Level, before vs. after talking on the mobile phone WITHOUT PROTECTORS**

Figure 15 shows the Level of overall Vital Energy, detailed on the left and right sides of the subject's body, comparing the

level before vs. after talking on the mobile phone **WITHOUT** PROTECTORS.

The right side maintains the same energy level, however, the left side passes from an ideal level before mobile phone talk (just on the average point) to a level of deficiency after mobile phone talk (pink zone).

Figure 16. **Vital Energy Level, before vs. after** talking on the mobile phone **WITH** PROTECTORS (Phone+PhiWaves)

Figure 16 shows the Level of overall Vital Energy, detailed on the left and right sides of the subject's body, comparing the level before vs. after mobile phone talks **WITH** PROTECTORS. The right side keeps the same energy level, and the left side keeps it slightly increased.

Figure 15. **Vital Energy Level, before vs. after** talking on the mobile phone **WITHOUT** PROTECTORS

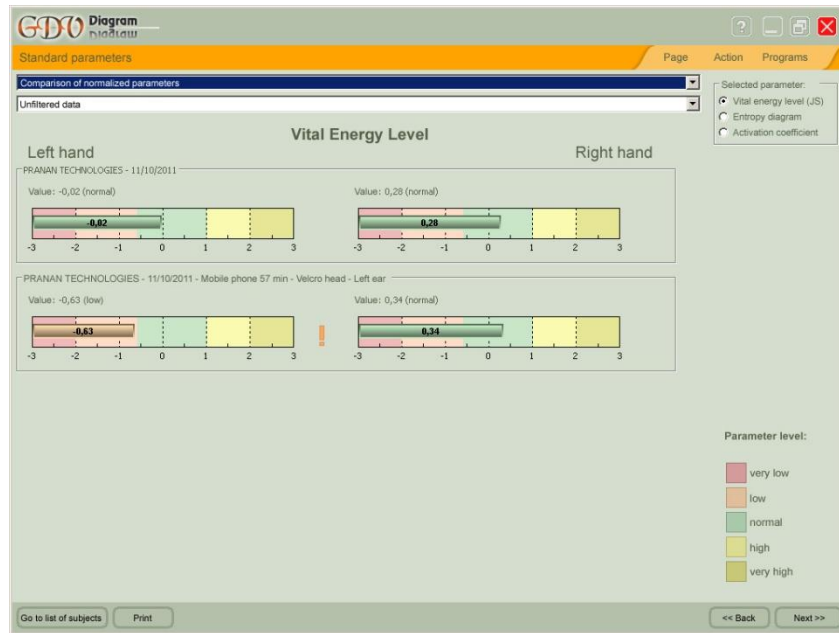
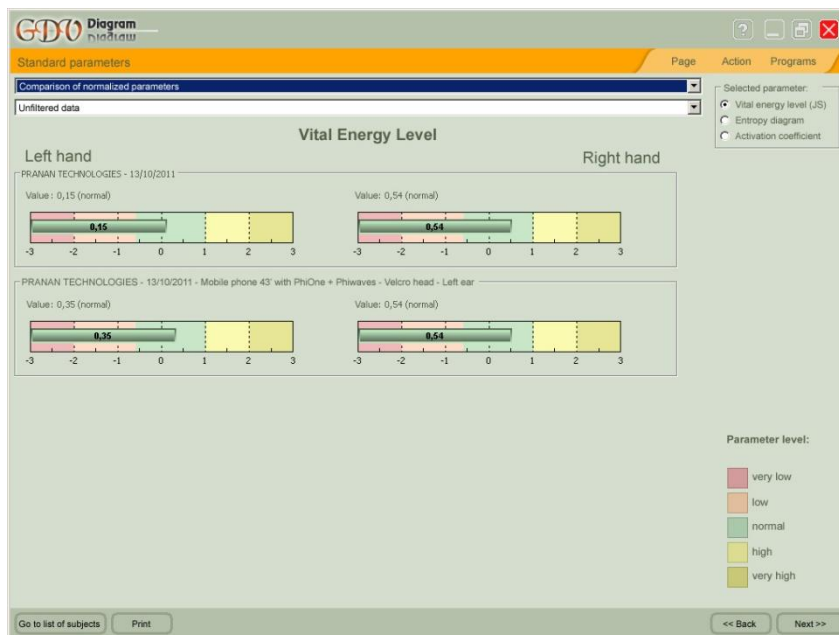


Figure 16. **Vital Energy Level, before vs. after** talking on the mobile phone **WITH** PROTECTORS



## 5. GDV-EPC Activation Coefficient

Figure 17. **Activation Coefficient, before vs. after** talking on the mobile phone **WITHOUT** PROTECTORS

Figure 17 shows the Activation Coefficient. It is calculated by comparing Without GVD Filter and With GVD Filter BioGrams. Being the optimum level between 2 and 4, high level between 4 and 6, very high level between 6 and 8, and very detrimental level higher than 8.

This chart shows the average Activation Coefficient through all body meridians, compared before vs. after mobile phone talks. **Before** talking WITHOUT PROTECTORS its value was 6.12, which is high, **after** talking it increases to 7.54, that is, it moves into the "very high level" zone.

It clearly shows how talking on the mobile phone WITHOUT PROTECTORS "stresses" the energy system.

Figure 17



Figure 18

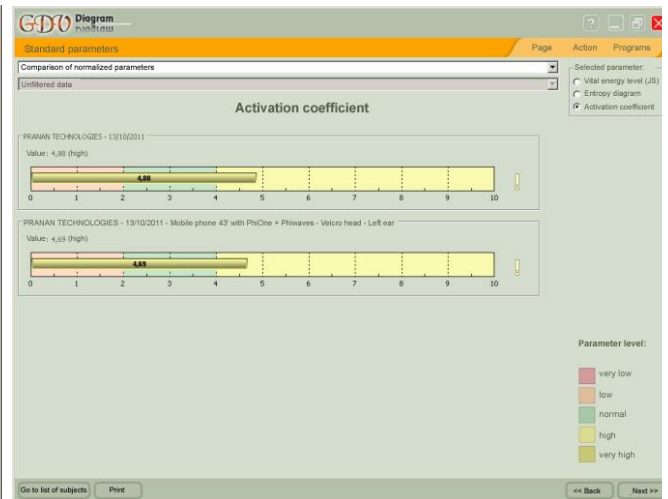


Figure 18. **Activation Coefficient, before vs. after** talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves).

Figure 18 shows the Activation Coefficient. It is calculated by comparing the Without GDV Filter and With GDV Filter BioGrams. Being the optimum level between 2 and 4, high level between 4 and 6, very high level between 6 and 8, and very detrimental level higher than 8.

This chart shows the average Activation Coefficient through all body meridians, compared before vs. after mobile phone talks. **Before** talking WITH PROTECTORS its value was 4.88, that is, slight high level, but **after** talking WITH PROTECTORS it decreases to 4.69, which means a slight improvement, bearing in mind the mobile talk duration.

It clearly shows how talking on the mobile phone WITH PROTECTORS maintains the level of activation of the energy system.

Figure 19. **GDV Diagram Chart, before** talking on the mobile phone WITHOUT PROTECTORS

### GDV Diagram

PRANAN TECHNOLOGIES - 11/10/2011  
GDV images without filter

	Finger & sector	Left side	Right side	Mean	Difference
Right eye	1R 1 + 1L 1	-0,16	0,51	0,17	-0,67
Right ear, Nose, Maxillary sinus	1R 2 + 1L 2	-1,09	0,44	-0,33	-1,53
Jaw, Teeth right side	1R 3 + 1L 3	-0,28	0,39	0,05	-0,67
Throat, Larynx, Trachea, Thyroid gland	1R 4 + 1L 4	-0,13	-0,27	-0,20	0,14
Jaw, Teeth left side	1R 5 + 1L 5	0,16	-0,07	0,05	0,23
Left ear, Nose, Maxillary sinus	1R 6 + 1L 6	0,24	-0,09	0,07	0,33
Left eye	1R 7 + 1L 7	0,19	0,52	0,35	-0,32
Cerebral zone (cortex)	1R 8 + 1L 8	0,05	0,30	0,18	-0,24
Cervical zone	2R 1 + 2L 8	-0,21	0,23	0,01	-0,44
Spine zone	2R 2 + 2L 7	-1,30	0,49	-0,41	-1,79
Lumbar zone	2R 3 + 2L 6	-0,52	0,02	-0,25	-0,54
Sacrum	2R 4 + 2L 5	0,28	1,41	0,85	-1,13
Coccyx, Pelvis minor zone	2R 5 + 2L 4	0,54	0,87	0,70	-0,32
Blind gut	2R 6		0,83		
Appendix	2R 7		0,30		
Ascending colon	2R 8		0,93		
Transverse colon	2R 9 + 2L 9	0,06	0,59	0,33	-0,53
Descending colon	2L 1	-0,10			
Sigmoid colon	2L 2	-0,33			
Rectum	2L 3	0,57			
Thorax zone, Respiratory system	3R 1 + 3L 6	0,20	0,27	0,24	-0,07
Immune system	3R 2 + 3L 5	-0,28	0,07	-0,10	-0,35
Gallbladder	3R 3		0,18		
Liver	3R 4 + 3L 3	0,33	0,16	0,25	0,17
Right kidney	3R 5		0,30		
Cardiovascular system	3R 6 + 3L 1	-0,23	0,18	-0,02	-0,41
Brain vessels	3R 7 + 3L 7	-0,46	0,26	-0,10	-0,71
Left kidney	3L 2	0,31			
Abdominal zone	3L 4	0,06			
Hypophysis	4R 1 + 4L 8	1,00	0,41	0,70	0,59
Thyroid gland	4R 2 + 4L 7	0,78	-0,46	0,16	1,25
Pancreas	4R 3 + 4L 6	0,63	-1,29	-0,33	1,91
Adrenal	4R 4 + 4L 5	0,75	0,22	0,48	0,53
Urino-genital system	4R 5 + 4L 4	-0,39	0,57	0,09	-0,96
Spleen	4R 6 + 4L 3	-1,86	-0,27	-1,07	-1,60
Nervous system	4R 7 + 4L 2	-0,37	-0,66	-0,52	0,29
Hypothalamus	4R 8 + 4L 1	0,07	0,34	0,20	-0,27
Epiphysis	4R 9 + 4L 9	0,06	0,05	0,05	0,01
Duodenum	5R 1		0,41		
Ileum	5R 2		0,89		
Mammary glands, Respiratory system	5R 3 + 5L 3	1,37	0,51	0,94	0,86
Right kidney	5R 4		-0,54		
Heart	5R 5		0,43		
Coronary vessels	5R 6 + 5L 6	0,14	0,31	0,23	-0,16
Left part of heart	5L 1	-0,10			
Left kidney	5L 2	0,37			
Jejunum	5L 4	0,86			
Right part of heart	5L 5	0,65			
Activation coefficient		6,12			
Vital Energy Level		-0,02	0,28	0,13	-0,30
Vital Energy Level Unbalance Index		0,67	0,44	0,55	0,23
Integral Entropy Diagram		1,81	1,86	1,83	-0,04



Figure 20. **GDV Diagram Chart**, after talking on the mobile phone WITHOUT PROTECTORS

### GDV Diagram

**PRANAN TECHNOLOGIES - 11/10/2011 - MOBILE PHONE 57' - Velcro head - Left ear**  
**GDV images without filter**

	Finger & sector	Left side	Right side	Mean	Difference
Right eye	1R 1 + 1L 1	-1,49	0,62	-0,44	-2,10
Right ear, Nose, Maxillary sinus	1R 2 + 1L 2	-0,69	0,45	-0,12	-1,14
Jaw, Teeth right side	1R 3 + 1L 3	0,07	0,88	0,48	-0,82
Throat, Larynx, Trachea, Thyroid gland	1R 4 + 1L 4	0,11	0,76	0,43	-0,65
Jaw, Teeth left side	1R 5 + 1L 5	-0,29	0,36	0,03	-0,66
Left ear, Nose, Maxillary sinus	1R 6 + 1L 6	-0,45	0,41	-0,02	-0,87
Left eye	1R 7 + 1L 7	-1,14	0,40	-0,37	-1,54
Cerebral zone (cortex)	1R 8 + 1L 8	-1,11	0,41	-0,35	-1,52
Cervical zone	2R 1 + 2L 8	-0,99	0,46	-0,26	-1,45
Spine zone	2R 2 + 2L 7	-2,59	0,33	-1,13	-2,92
Lumbar zone	2R 3 + 2L 6	-2,24	0,35	-0,94	-2,59
Sacrum	2R 4 + 2L 5	-1,20	1,38	0,09	-2,58
Coccyx, Pelvis minor zone	2R 5 + 2L 4	0,21	0,55	0,38	-0,34
Blind gut	2R 6		0,34		
Appendix	2R 7		-0,25		
Ascending colon	2R 8		0,69		
Transverse colon	2R 9 + 2L 9	-0,04	0,81	0,39	-0,85
Descending colon	2L 1	-1,36			
Sigmoid colon	2L 2	-1,85			
Rectum	2L 3	-1,03			
Thorax zone, Respiratory system	3R 1 + 3L 6	0,05	0,70	0,38	-0,65
Immune system	3R 2 + 3L 5	-0,45	0,42	-0,02	-0,87
Gallbladder	3R 3		0,05		
Liver	3R 4 + 3L 3	0,60	0,06	0,33	0,54
Right kidney	3R 5		-0,00		
Cardiovascular system	3R 6 + 3L 1	-0,61	0,40	-0,10	-1,01
Brain vessels	3R 7 + 3L 7	-0,31	0,63	0,16	-0,93
Left kidney	3L 2	1,23			
Abdominal zone	3L 4	-0,67			
Hypophysis	4R 1 + 4L 8	0,83	0,31	0,57	0,52
Thyroid gland	4R 2 + 4L 7	-0,27	0,31	0,02	-0,58
Pancreas	4R 3 + 4L 6	-0,16	0,31	0,08	-0,48
Adrenal	4R 4 + 4L 5	0,89	0,41	0,65	0,48
Urino-genital system	4R 5 + 4L 4	0,12	0,00	0,06	0,12
Spleen	4R 6 + 4L 3	-1,78	-1,56	-1,67	-0,22
Nervous system	4R 7 + 4L 2	-1,73	0,02	-0,86	-1,74
Hypothalamus	4R 8 + 4L 1	-2,05	0,45	-0,80	-2,50
Epiphysis	4R 9 + 4L 9	-0,95	0,45	-0,25	-1,40
Duodenum	5R 1		0,59		
Ileum	5R 2		1,05		
Mammary glands, Respiratory system	5R 3 + 5L 3	1,42	0,41	0,91	1,02
Right kidney	5R 4		-1,37		
Heart	5R 5		0,51		
Coronary vessels	5R 6 + 5L 6	0,18	0,37	0,28	-0,19
Left part of heart	5L 1	0,54			
Left kidney	5L 2	0,55			
Jejunum	5L 4	0,11			
Right part of heart	5L 5	-0,64			
Activation coefficient		7,54			
Vital Energy Level		-0,63	0,34	-0,15	-0,98
Vital Energy Level Unbalance Index		1,07	0,52	0,79	0,55
Integral Entropy Diagram		2,20	1,53	1,86	0,67

Figures 21 and 22 show the GVD Diagram quantified numerical values displayed in a chart, comparing them before vs. after talking on the mobile phone WITH PROTECTORS (Phone and PhiWaves).

The comparison on each side shows:

On the **body right side**, before talking on the mobile phone there is no meridian with energy deficiency (which are the most unstructuring) and there are 4 with energy excess. After talking there are still no meridians with energy deficiency and 2 remain with energy excess, which means a slight improvement.

On the **body left side**, where the mobile phone was used (left ear), this time WITH PROTECTORS PhiOne and PhiWaves before talking there is 1 meridian with energy deficiency, and after talking WITH PROTECTORS there is 1 meridian too, which means there is a positive electromagnetic shielding or protection effect.

Figure 21. GDV Diagram Chart, before talking on the mobile phone WITH PROTECTORS (PhiOne + PhiWaves)

GDV Diagram					
PRANAN TECHNOLOGIES - 13/10/2011					
GDV images without filter					
	Finger & sector	Left side	Right side	Mean	Difference
Right eye	1R 1 + 1L 1	0,00	0,43	0,21	-0,43
Right ear, Nose, Maxillary sinus	1R 2 + 1L 2	0,04	0,55	0,29	-0,52
Jaw, Teeth right side	1R 3 + 1L 3	0,10	1,23	0,67	-1,13
Throat, Larynx, Trachea, Thyroid gland	1R 4 + 1L 4	-0,37	0,64	0,13	-1,01
Jaw, Teeth left side	1R 5 + 1L 5	0,16	0,28	0,22	-0,11
Left ear, Nose, Maxillary sinus	1R 6 + 1L 6	-0,21	0,57	0,18	-0,79
Left eye	1R 7 + 1L 7	-0,27	0,68	0,20	-0,95
Cerebral zone (cortex)	1R 8 + 1L 8	0,02	0,77	0,39	-0,74
Cervical zone	2R 1 + 2L 8	0,36	0,70	0,53	-0,34
Spine zone	2R 2 + 2L 7	0,11	0,35	0,23	-0,24
Lumbar zone	2R 3 + 2L 6	0,14	0,61	0,38	-0,47
Sacrum	2R 4 + 2L 5	0,74	0,88	0,81	-0,14
Coccyx, Pelvis minor zone	2R 5 + 2L 4	1,37	1,01	1,19	0,37
Blind gut	2R 6		1,10		
Appendix	2R 7		0,14		
Ascending colon	2R 8		0,95		
Transverse colon	2R 9 + 2L 9	0,29	0,50	0,39	-0,22
Descending colon	2L 1	-0,43			
Sigmoid colon	2L 2	0,12			
Rectum	2L 3	0,47			
Thorax zone, Respiratory system	3R 1 + 3L 6	0,14	0,49	0,32	-0,35
Immune system	3R 2 + 3L 5	-1,05	0,09	-0,48	-1,14
Gallbladder	3R 3		0,16		
Liver	3R 4 + 3L 3	0,29	0,66	0,47	-0,38
Right kidney	3R 5		0,70		
Cardiovascular system	3R 6 + 3L 1	0,14	0,32	0,23	-0,18
Brain vessels	3R 7 + 3L 7	0,14	0,17	0,16	-0,02
Left kidney	3L 2	0,51			
Abdominal zone	3L 4	0,06			
Hypophysis	4R 1 + 4L 8	0,21	0,79	0,50	-0,58
Thyroid gland	4R 2 + 4L 7	0,24	0,56	0,40	-0,32
Pancreas	4R 3 + 4L 6	0,41	0,54	0,48	-0,13
Adrenal	4R 4 + 4L 5	0,85	0,67	0,76	0,18
Urino-genital system	4R 5 + 4L 4	0,64	0,65	0,64	-0,00
Spleen	4R 6 + 4L 3	-0,01	0,04	0,01	-0,05
Nervous system	4R 7 + 4L 2	-0,34	0,21	-0,06	-0,55
Hypothalamus	4R 8 + 4L 1	0,24	0,45	0,35	-0,20
Epiphysis	4R 9 + 4L 9	0,16	0,57	0,36	-0,41
Duodenum	5R 1		0,48		
Ileum	5R 2		1,10		
Mammary glands, Respiratory system	5R 3 + 5L 3	0,27	0,39	0,33	-0,12
Right kidney	5R 4		-0,33		
Heart	5R 5		-0,08		
Coronary vessels	5R 6 + 5L 6	0,13	0,32	0,22	-0,18
Left part of heart	5L 1	0,13			
Left kidney	5L 2	0,04			
Jejunum	5L 4	0,59			
Right part of heart	5L 5	0,60			
Activation coefficient		4,88			
Vital Energy Level		0,15	0,54	0,34	-0,39
Vital Energy Level Unbalance Index		0,38	0,31	0,34	0,07
Integral Entropy Diagram		1,69	2,17	1,93	-0,48

Figure 22. **GDV Diagram Chart, after talking on the mobile WITH PROTECTORS (PhiOne + PhiWaves)**

### GDV Diagram

**PRANAN TECHNOLOGIES - 13/10/2011 - MOBILE PHONE 43' with PhiOne + PhiWaves**  
**Velcro head - Left ear**  
**GDV images without filter**

	Finger & sector	Left side	Right side	Mean	Difference
Right eye	1R 1 + 1L 1	0,04	0,53	0,28	-0,49
Right ear, Nose, Maxillary sinus	1R 2 + 1L 2	0,07	0,70	0,39	-0,63
Jaw, Teeth right side	1R 3 + 1L 3	0,29	1,05	0,67	-0,76
Throat, Larynx, Trachea, Thyroid gland	1R 4 + 1L 4	-0,22	0,43	0,10	-0,65
Jaw, Teeth left side	1R 5 + 1L 5	0,45	0,41	0,43	0,04
Left ear, Nose, Maxillary sinus	1R 6 + 1L 6	0,51	0,37	0,44	0,13
Left eye	1R 7 + 1L 7	0,29	0,52	0,41	-0,22
Cerebral zone (cortex)	1R 8 + 1L 8	0,11	0,50	0,31	-0,39
Cervical zone	2R 1 + 2L 8	0,36	0,41	0,38	-0,05
Spine zone	2R 2 + 2L 7	0,38	0,30	0,34	0,08
Lumbar zone	2R 3 + 2L 6	0,16	0,25	0,20	-0,10
Sacrum	2R 4 + 2L 5	0,99	0,70	0,85	0,29
Coccyx, Pelvis minor zone	2R 5 + 2L 4	1,51	0,95	1,23	0,57
Blind gut	2R 6		1,05		
Appendix	2R 7		0,49		
Ascending colon	2R 8		0,37		
Transverse colon	2R 9 + 2L 9	0,36	0,57	0,46	-0,21
Descending colon	2L 1	0,12			
Sigmoid colon	2L 2	-0,99			
Rectum	2L 3	0,41			
Thorax zone, Respiratory system	3R 1 + 3L 6	0,71	0,51	0,61	0,20
Immune system	3R 2 + 3L 5	0,23	0,23	0,23	0,01
Gallbladder	3R 3		0,06		
Liver	3R 4 + 3L 3	0,44	0,77	0,61	-0,33
Right kidney	3R 5		0,55		
Cardiovascular system	3R 6 + 3L 1	0,32	0,46	0,39	-0,15
Brain vessels	3R 7 + 3L 7	0,56	0,59	0,57	-0,02
Left kidney	3L 2	0,18			
Abdominal zone	3L 4	0,18			
Hypophysis	4R 1 + 4L 8	1,03	0,96	0,99	0,07
Thyroid gland	4R 2 + 4L 7	0,09	0,66	0,38	-0,57
Pancreas	4R 3 + 4L 6	0,09	-0,02	0,04	0,11
Adrenal	4R 4 + 4L 5	0,99	0,38	0,69	0,62
Urino-genital system	4R 5 + 4L 4	0,26	0,18	0,22	0,08
Spleen	4R 6 + 4L 3	0,04	0,02	0,03	0,02
Nervous system	4R 7 + 4L 2	0,18	0,33	0,26	-0,15
Hypothalamus	4R 8 + 4L 1	0,72	0,52	0,62	0,19
Epiphysis	4R 9 + 4L 9	0,70	0,51	0,61	0,19
Duodenum	5R 1		0,68		
Ileum	5R 2		0,48		
Mammary glands, Respiratory system	5R 3 + 5L 3	0,84	0,94	0,89	-0,10
Right kidney	5R 4		0,30		
Heart	5R 5		0,48		
Coronary vessels	5R 6 + 5L 6	0,50	0,53	0,51	-0,03
Left part of heart	5L 1	0,40			
Left kidney	5L 2	0,40			
Jejunum	5L 4	0,69			
Right part of heart	5L 5	0,68			
Activation coefficient		4,69			
Vital Energy Level		0,35	0,54	0,45	-0,19
Vital Energy Level Unbalance Index		0,41	0,27	0,34	0,14
Integral Entropy Diagram		1,76	2,15	1,95	-0,39

## 6. GDV-EPC Virtual Chakra

Figure 23. **Virtual CHAKRA**, before talking on the mobile phone WITHOUT PROTECTORS

Figure 24. **Virtual CHAKRA**, after talking on the mobile phone WITHOUT PROTECTORS

Figures 23 and 24 show the "Virtual Chakra" display. The GDV-EPC system is based on the correlation of energy meridians to report their condition.

It shows two pieces of information; the energy level and the symmetry level. This latter reports the energy balance, the emotional and mental levels, the right and left brain hemispheres energy levels and the intuition and action levels.

Measurements taken WITHOUT PROTECTORS undoubtedly showed how both right and left hemispheres energy and equilibrium levels are altered.

**Energy Level:** Before talking on the mobile phone WITHOUT PROTECTORS the energy level of the 7 chakras was correct, after talking the 1st and 6th chakras showed energy deficiency.

**Hemispheric Symmetry:** Before talking on the mobile phone WITHOUT PROTECTORS the symmetry of the 7 chakras is correct, then, after talking the 1st, 6th and 7th chakras became unbalanced.

Figure 23. **Virtual CHAKRA**, before talking on the mobile phone WITHOUT PROTECTORS

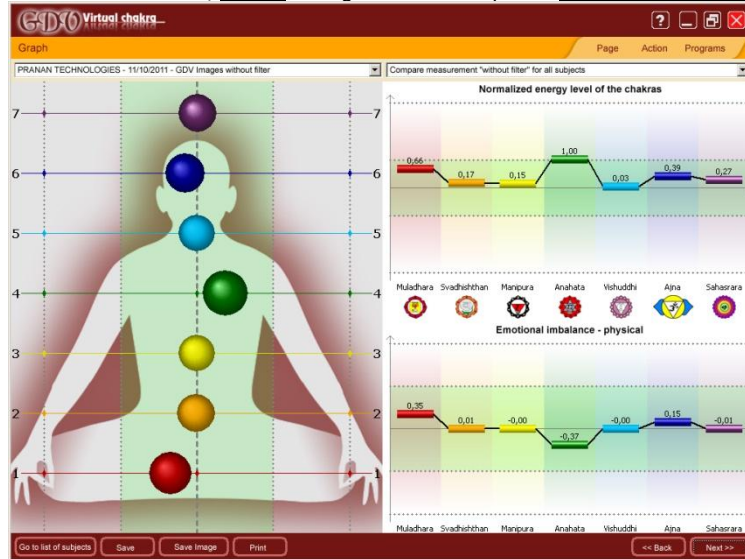


Figure 24. **Virtual CHAKRA**, after talking on the mobile phone WITHOUT PROTECTORS

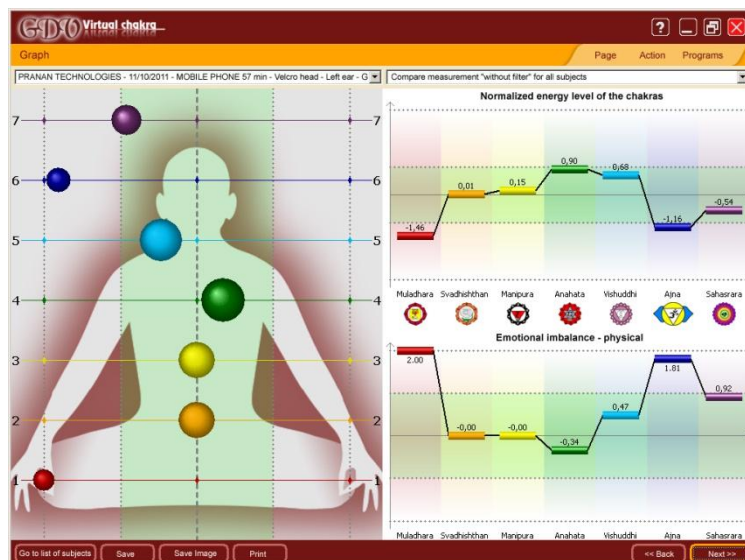




Figure 25. **Virtual CHAKRA, before** talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves).  
Figure 26. **Virtual CHAKRA, after** talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves).

Figures 25 and 26 show the "Virtual Chakra" display. The GDV-EPC system is based on the correlation of energy meridians to report their condition.

It shows two pieces of information, the energy level and the symmetry level. This latter reports the energy balance, the emotional and mental levels, the right and left brain hemispheres energy levels and the intuition and action levels.

Measurements taken WITH PROTECTORS Phone and PhiWaves undoubtedly showed the benefit of such protectors.

**Energy Level:** Before talking on the mobile phone WITH PROTECTORS the energy level of the 7 chakras was correct, after talking it is also maintained at a correct level.

**Hemispheric symmetry:** Before talking on the mobile phone WITH PROTECTORS the symmetry of the 7 chakras is correct, and after talking the 5th and 6th chakras show improved energy levels. Once again it was confirmed that Pranan Technologies devices not only protect but also benefit the HEF.

Figure 25. **Virtual CHAKRA, before** talking on the mobile phone  
WITH PROTECTORS (PhiOne + PhiWaves)

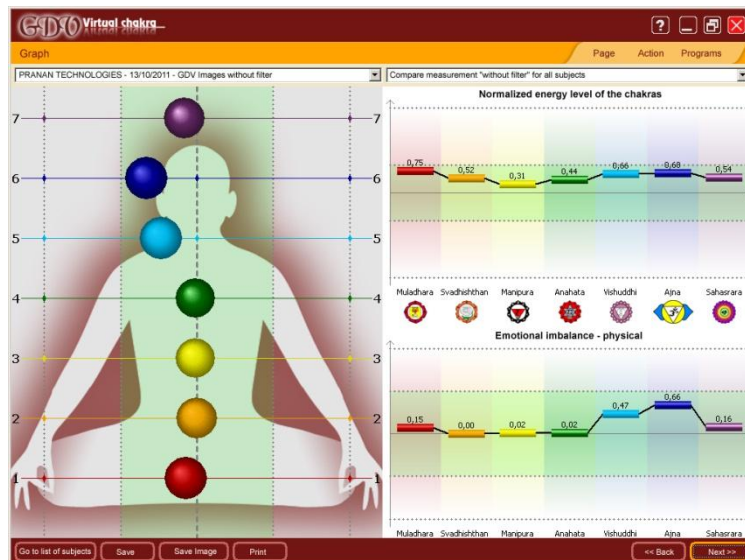
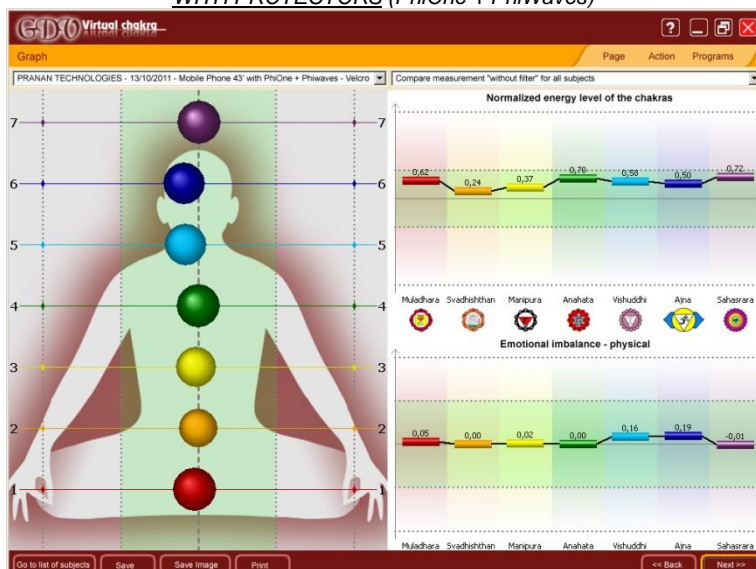


Figure 26. **Virtual CHAKRA, after** talking on the mobile phone  
WITH PROTECTORS (PhiOne + PhiWaves)



## 7. EPC-GDV SCREENING

With the Screening function, the GDV-EPC System analyzes in detail the Activation Level of the major meridians. In Figures 17 and 18 we analyzed the average level of activation of all the subject's body meridians, now, with the SCREENING display, we quantify the level of activation of the most relevant meridians. The Activation Level measures the level of stress vs. relaxation of the energy system, whereby the result described in the next display is so important.

The Screening results are the most "fine" and reliable of the EPC-GDV System.

Figure 27. **SCREENING, before** talking on the mobile phone WITHOUT PROTECTORS

Figure 28. **SCREENING, after** talking on the mobile phone WITHOUT PROTECTORS

Figures 27 and 28 show the SCREENING results. The most significant feature of this display is its capability to detect unbalanced levels of Activation. Above all, our interest is focused on the very high levels (higher than 8), showing a "worrying" level of energy stress, from an energetic standpoint.

Let us see this display results before vs. after talking on the mobile phone WITHOUT PROTECTORS.

Before talking on the mobile phone WITHOUT PROTECTORS no meridian showed values equal to or higher than 8.

After talking on the mobile phone WITHOUT PROTECTORS there were 3 meridians with values higher than 8: Spine Zone, Hypothalamus and Lumbar Zone.

Figure 27. **SCREENING, before** talking on the mobile phone WITHOUT PROTECTORS

PRANAN TECHNOLOGIES - 11/10/2011 - GDV Images without filter							
	Area, left hand	Area, right hand	Area, right hand	Area, mean	Entropy, left hand	Entropy, right hand	Activation
CARDIOVASCULAR SYSTEM	0,06	0,31	0,19	-0,25	1,82	2,07	5,44
RESPIRATORY SYSTEM	0,62	0,12	0,37	0,50	2,06	2,06	5,49
ENDOCRINE SYSTEM	0,41	-0,02	0,20	0,44	1,96	1,71	5,59
MUSCULOSKELETAL SYSTEM	-0,24	0,60	0,18	-0,84	1,83	2,02	6,26
DIGESTIVE SYSTEM	0,29	0,33	0,31	-0,04	1,98	1,97	3,54
URINO-GENITAL SYSTEM	-0,02	0,22	0,10	-0,25	2,01	1,93	6,27
Appendix		0,30				2,00	2,73
Cerebral zone (vessels)	-0,46	0,26	-0,10	-0,71	1,50	2,07	6,01
Cervical zone	-0,21	0,23	0,01	-0,44	2,12	2,15	6,42
Blind gut		0,83				1,96	2,63
Colon - ascending		0,93				1,89	1,19
Colon - descending	-0,10				1,83		3,65
Colon - sigmoid	-0,33				1,85		4,05
Colon - transverse	0,06	0,59	0,33	-0,53	1,68	2,11	4,36
Heart	0,27	0,43	0,35	-0,16	1,88	1,95	4,87
Coronary vessels	0,14	0,31	0,23	-0,16	1,78	2,13	6,05
Coccyx, Pelvis minor zone	0,54	0,87	0,70	-0,32	1,86	1,87	5,27
Spine zone	-1,30	0,49	-0,41	-1,79	1,29	1,87	7,82
Spine zone	0,20	0,27	0,24	-0,07	1,94	2,13	5,17
Duodenum		0,41				2,06	4,00
Epiphysis	0,06	0,05	0,05	0,01	1,88	1,58	6,27
Throat, larynx, trachea	-0,13	-0,27	-0,20	0,14	2,03	1,88	7,42
Hypothalamus	0,07	0,34	0,20	-0,27	1,53	1,85	5,50
Hypophysis	1,00	0,41	0,70	0,59	2,25	1,57	4,22
Liver	0,33	0,16	0,25	0,17	2,14	2,13	5,20
Lumbar zone	-0,52	0,02	-0,25	-0,54	1,82	2,04	6,84
Mammary glands	1,37	0,51	0,94	0,86	2,09	2,23	3,56
Ears, nose, maxillary sinus	-0,43	0,17	-0,13	-0,60	1,46	1,92	6,90
Pancreas	0,63	-1,29	-0,33	1,91	2,14	1,32	7,27
Rectum	0,57				2,12		4,73
Kidneys	0,34	-0,12	0,11	0,46	2,13	1,77	6,16
Sacrum	0,28	1,41	0,85	-1,13	2,08	2,14	4,93
Adrenals	0,75	0,22	0,48	0,53	1,86	1,58	5,27
Thyroid gland	0,78	-0,46	0,16	1,25	2,14	1,96	4,24
Gallbladder		0,18				2,18	2,53
Jejunum	0,86				2,14		0,78
Ileum		0,89				2,07	2,86

Figura 28. **SCREENING, after** talking on the mobile phone WITHOUT PROTECTORS

PRANAN TECHNOLOGIES - 11/10/2011 - MÓVIL 57 min - Belcro cabeza - Oído izqu, Imágenes GDV sin filtro							
	Área, mano izquierda	Área, mano derecha	Área, media	Área, diferencia	Entropía, mano izquierda	Entropía, mano derecha	Activación
SISTEMA CARDIOVASCULAR	-0,16	0,43	0,14	-0,59	1,60	2,13	5,40
SISTEMA RESPIRATORIO	0,77	0,58	0,67	0,18	2,18	2,08	4,95
SISTEMA ENDOCRINO	-0,23	0,32	0,05	-0,55	1,79	2,06	6,32
APARATO LOCOMOTOR	-1,36	0,61	-0,37	-1,97	1,46	2,03	7,49
SISTEMA DIGESTIVO	-0,53	0,41	-0,06	-0,94	1,83	1,99	4,18
SISTEMA UROGENITAL	0,51	-0,34	0,08	0,85	2,07	2,05	6,26
Apéndice		-0,25				1,81	3,94
Cerebro (vasos)	-0,31	0,63	0,16	-0,93	1,67	2,06	4,84
Cervicales	-0,99	0,46	-0,26	-1,45	1,43	2,03	7,13
Ciego		0,34				1,83	3,79
Colon ascendente		0,69				1,95	0,70
Colon descendente	-1,36				2,13		6,08
Colon sigmoide	-1,85				1,96		6,38
Colon transverso	-0,04	0,81	0,39	-0,85	1,53	2,05	3,91
Corazón	-0,05	0,51	0,23	-0,56	1,87	2,15	5,94
Coronarias	0,18	0,37	0,28	-0,19	1,89	2,16	4,50
Coxis, pelvis menor	0,21	0,55	0,38	-0,34	2,00	1,82	6,14
Dorsales	-2,59	0,33	-1,13	-2,92	0,55	2,15	8,50
Dorsales	0,05	0,70	0,38	-0,65	1,48	1,99	4,70
Duodeno		0,59				2,17	4,05
Epifisis	-0,95	0,45	-0,25	-1,40	1,51	1,97	6,62
Garganta, laringe, tráquea	0,11	0,76	0,43	-0,65	2,24	1,93	5,78
Hipotálamo	-2,05	0,45	-0,80	-2,50	1,27	2,12	8,50
Hipófisis	0,83	0,31	0,57	0,52	2,09	1,87	4,78
Hígado	0,60	0,06	0,33	0,54	2,11	2,06	4,77
Lumbares	-2,24	0,35	-0,94	-2,59	1,59	2,15	8,50
Mamas	1,42	0,41	0,91	1,02	2,13	2,23	4,12
Oídos, nariz, seno maxilar	-0,57	0,43	-0,07	-1,00	1,64	1,82	4,96
Pancreas	-0,16	0,31	0,08	-0,48	1,65	2,11	6,83
Recto	-1,03				1,78		6,32
Riñones	0,89	-0,69	0,10	1,58	2,06	1,87	6,45
Sacro	-1,20	1,38	0,09	-2,58	1,74	1,97	7,20
Suprarrenales	0,89	0,41	0,65	0,48	1,83	1,97	5,14
Tiroides	-0,27	0,31	0,02	-0,58	2,09	2,13	6,31
Vesícula biliar		0,05				1,85	3,19
Yeyuno	0,11				1,61		3,44
Íleon		1,05				2,06	0,89

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Figure 29. **SCREENING, before** talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves)

Figure 30. **SCREENING, after** talking on the mobile phone WITH PROTECTORS (Phone + PhiWaves)

Figures 29 and 30 show the SCREENING results. The most significant feature of this display is its capability to detect unbalanced levels of Activation. Above all, our interest is focused on the very high levels (higher than 8), showing a "worrying" level of energy stress, from an energetic standpoint.

Screening means "research", what the GDV-EPC system does is to analyze in a detailed way the level of activation of the major meridians.

In figures 17 and 18 we analyzed the average activation level through all the meridians in the subject's body, now, with the SCREENING display, we quantify the level of activation of the most relevant meridians.

The Activation Level measures the level of stress vs. relaxation of the energy system, whereby the result of this screen is so important. From my point of view, and based on my clinical experience in consultation, I say without any doubt that the SCREENING results are the most "fine" and reliable of the EPC-GDV System.

Let us see this display results before vs. after talking on the mobile phone, but this time WITH PROTECTORS PhiOne and PhiWaves.

Before talking on the mobile phone WITH PROTECTORS no meridian showed values equal to or greater than 8.

After talking on the mobile phone WITHOUT PROTECTORS no meridian still showed values greater than 8.

These results again confirm, and as I said before, based on my professional judgment, Screening is the most reliable, measurement, that Phone and PhiWaves devices protect the CEH against the negative influence of mobile phones.

Figure 29. **SCREENING, before** talking on the mobile phone **WITH PROTECTORS** (PhiOne + PhiWaves).

PRANAN TECHNOLOGIES - 13/10/2011 GDV Images without filter

	Area, left hand	Area, right hand	Area, right hand	Area, mean	Entropy, left hand	Entropy, right hand	Activation
CARDIOVASCULAR SYSTEM	0,21	0,18	0,20	0,03	1,89	1,96	5,09
RESPIRATORY SYSTEM	-0,05	0,52	0,23	-0,57	1,66	1,92	5,51
ENDOCRINE SYSTEM	0,39	0,60	0,50	-0,21	1,98	1,99	4,47
MUSCULOSKELETAL SYSTEM	0,54	0,71	0,63	-0,16	2,05	2,13	4,66
DIGESTIVE SYSTEM	0,25	0,63	0,44	-0,38	1,93	1,98	2,82
URINO-GENITAL SYSTEM	0,46	0,41	0,44	0,04	2,03	2,03	4,20
Appendix		0,14				2,15	3,05
Cerebral zone (vessels)	0,14	0,17	0,16	-0,02	1,92	2,01	5,22
Cervical zone	0,36	0,70	0,53	-0,34	2,10	2,19	4,18
Blind gut		1,10				2,00	1,23
Colon - ascending		0,95				1,89	0,95
Colon - descending	-0,43				1,49		3,87
Colon - sigmoid	0,12				1,75		2,65
Colon - transverse	0,29	0,50	0,39	-0,22	2,08	2,16	4,60
Heart	0,37	-0,08	0,14	0,45	2,01	1,92	5,28
Coronary vessels	0,13	0,32	0,22	-0,18	1,97	1,95	5,32
Coccyx, Pelvis minor zone	1,37	1,01	1,19	0,37	2,10	2,04	3,75
Spine zone	0,11	0,35	0,23	-0,24	1,87	2,15	5,12
Spine zone	0,14	0,49	0,32	-0,35	1,63	2,07	4,70
Duodenum		0,48				2,16	3,65
Epiphysis	0,16	0,57	0,36	-0,41	1,85	2,18	4,89
Throat, larynx, trachea	-0,37	0,64	0,13	-1,01	1,60	2,02	6,19
Hypothalamus	0,24	0,45	0,35	-0,20	2,02	2,03	5,23
Hypophysis	0,21	0,79	0,50	-0,58	2,03	1,96	5,16
Liver	0,29	0,66	0,47	-0,38	1,90	1,83	4,93
Lumbar zone	0,14	0,61	0,38	-0,47	1,96	2,20	4,42
Mammary glands	0,27	0,39	0,33	-0,12	1,72	1,82	4,82
Ears, nose, maxillary sinus	-0,09	0,56	0,24	-0,65	1,87	1,94	5,02
Pancreas	0,41	0,54	0,48	-0,13	2,10	1,94	3,94
Rectum	0,47				2,03		2,67
Kidneys	0,27	0,18	0,23	0,09	1,93	2,02	5,54
Sacrum	0,74	0,88	0,81	-0,14	2,19	2,10	5,83
Adrenals	0,85	0,67	0,76	0,18	1,74	1,85	4,69
Thyroid gland	0,24	0,56	0,40	-0,32	1,96	1,92	4,54
Gallbladder		0,16				1,98	2,68
Jejunum	0,59				2,20		2,19
Ileum		1,10				1,68	0,27

Figure 30. **SCREENING, after** talking on the mobile phone **WITH PROTECTORS** (PhiOne + PhiWaves).

PRANAN TECHNOLOGIES - 13/10/2011 Mobile Phone 43' with PhiOne + Phiwaves - Velcro head - Left ear, GDV Images without filter

	Area, left hand	Area, right hand	Area, right hand	Area, mean	Entropy, left hand	Entropy, right hand	Activation
CARDIOVASCULAR SYSTEM	0,45	0,49	0,47	-0,04	2,08	2,07	4,03
RESPIRATORY SYSTEM	0,31	0,68	0,50	-0,38	2,13	1,97	5,07
ENDOCRINE SYSTEM	0,56	0,46	0,51	0,10	2,03	1,91	4,15
MUSCULOSKELETAL SYSTEM	0,68	0,52	0,60	0,16	1,97	2,03	4,69
DIGESTIVE SYSTEM	0,16	0,50	0,33	-0,34	1,91	1,97	3,40
URINO-GENITAL SYSTEM	0,28	0,30	0,29	-0,03	1,91	2,10	5,29
Appendix		0,49				2,04	2,07
Cerebral zone (vessels)	0,56	0,59	0,57	-0,02	2,19	2,10	2,74
Cervical zone	0,36	0,41	0,38	-0,05	2,09	2,07	4,29
Blind gut		1,05				2,16	1,17
Colon - ascending		0,37				1,90	2,17
Colon - descending	0,12				1,45		3,26
Colon - sigmoid	-0,99				1,92		5,12
Colon - transverse	0,36	0,57	0,46	-0,21	2,22	2,14	3,93
Heart	0,54	0,48	0,51	0,06	2,10	2,07	4,48
Coronary vessels	0,50	0,53	0,51	-0,03	2,23	2,11	3,97
Coccyx, Pelvis minor zone	1,51	0,95	1,23	0,57	2,07	1,74	3,27
Spine zone	0,38	0,30	0,34	0,08	1,70	2,15	6,32
Spine zone	0,71	0,51	0,61	0,20	2,16	2,19	3,97
Duodenum		0,68				1,95	2,76
Epiphysis	0,70	0,51	0,61	0,19	2,20	2,10	3,32
Throat, larynx, trachea	-0,22	0,43	0,10	-0,65	2,19	1,89	6,19
Hypothalamus	0,72	0,52	0,62	0,19	2,23	2,00	3,76
Hypophysis	1,03	0,96	0,99	0,07	2,09	1,99	2,42
Liver	0,44	0,77	0,61	-0,33	2,17	2,13	4,56
Lumbar zone	0,16	0,25	0,20	-0,10	1,99	2,05	5,29
Mammary glands	0,84	0,94	0,89	-0,10	2,06	2,05	3,94
Ears, nose, maxillary sinus	0,29	0,54	0,42	-0,25	1,84	1,90	3,18
Pancreas	0,09	-0,02	0,04	0,11	1,83	1,27	5,26
Rectum	0,41				2,06		4,10
Kidneys	0,29	0,42	0,36	-0,13	2,07	2,07	4,97
Sacrum	0,99	0,70	0,85	0,29	2,00	2,17	4,26
Adrenals	0,99	0,38	0,69	0,62	2,10	1,83	4,25
Thyroid gland	0,09	0,66	0,38	-0,57	2,03	2,04	4,43
Gallbladder		0,06				2,16	3,92
Jejunum	0,69				1,75		1,89
Ileum		0,48				1,99	3,95



## 8. EPC-GDV SCILAB

Now, we will discuss the results from a statistical point of view. For the calculations we used the **SciLab** program (Scientific Laboratory). It offers convincing information because it reports on the significance or otherwise of the effectiveness of Phone and PhiWaves PROTECTORS against low-intensity radiation emitted by mobile phones. That is, it indicates whether the differences "WITHOUT PROTECTORS versus WITH PROTECTORS" are significant or not. It informs whether changes are random or not and the percentage in which they are or not.

When the probability "p" is lower than or equal to 5% it is said that the measurements show significant differences, and that there is a 95% chance that the changes are not random, which means that protective devices PhiOne and PhiWaves are effective. If the "p" is lower than or equal to 1% it is said that the measurements show very significant differences, and there is a 99% chance that the changes are not random, which means that the protection is very effective. We also analyze the extent to which mobile phones without protectors are unstructuring the HEF. Information concerning the SciLab and the interpretation of each one of the 7 parameters analyzed is shown in blue.

Figure 31. SCILAB, **Quantum Parameter: Area** Before VS After talking on the mobile phone WITHOUT PROTECTORS.  
Figure 32. SCILAB, **Quantum Parameter: Area** Before VS After talking on the mobile phone WITH PROTECTORS.

Figure 31 shows the **Area** before vs. after talking on the mobile phone WITHOUT PROTECTORS. We observe a decrease of the total area, not significant. It also shows increased variability in the area distribution, which is negative because it indicates the unstructuring effects caused by mobile phones radiation in the HEF.

The **Area** is the number of "illuminated" pixels, the larger the area, the higher the energy.

Figure 32 shows the **Area** before vs after talking on the mobile phone WITH PROTECTORS. We observe an increase of the total area, with a "p" value of 11%, that is, not significant, but close to 5%. It also shows a decrease of variability in the area distribution, which is positive as it indicates the protective capability of Phone and PhiWaves to structure the HEF.

Figure 31

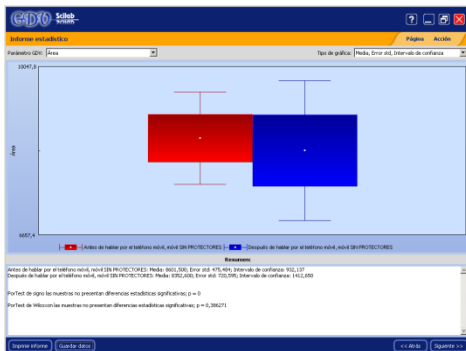


Figure 32

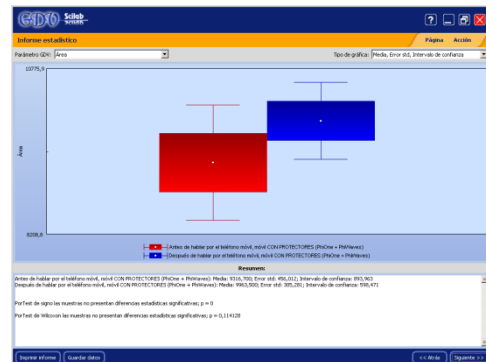


Figure 33. SCILAB, **Quantum Parameter: Intensity** Before VS After talking on the mobile phone WITHOUT PROTECTORS  
Figure 34. SCILAB, **Quantum Parameter: Intensity** Before VS After talking on the mobile phone WITH PROTECTORS

**Intensity** is the degree of pixels illumination, the intensity level must be in a correct range: very low intensity is negative, too much intensity is also negative. To give an analogy with electricity, it would be the equivalent to voltage, high voltage can cause damage to an equipment, such as a computer. If the voltage is insufficient, the computer will not boot.

Figure 33 shows the change in the Intensity before vs. after talking on the mobile phone WITHOUT PROTECTORS. It shows a very significant increase,  $p = 0.0166$  (1.66%), and also an increase of the intensity distribution in the HEF. However, this increase is negative, because the HEF system reaches a too high intensity value.

Figure 34 shows the change occurred in the intensity before vs. after talking on the mobile phone WITH PROTECTORS. We observe a very high stability, the intensity before was correct and after talking on the mobile phone WITH PROTECTORS it maintains both the values and distribution.

Figure 33

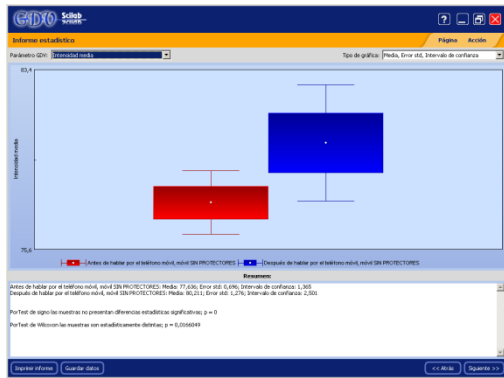


Figure 34

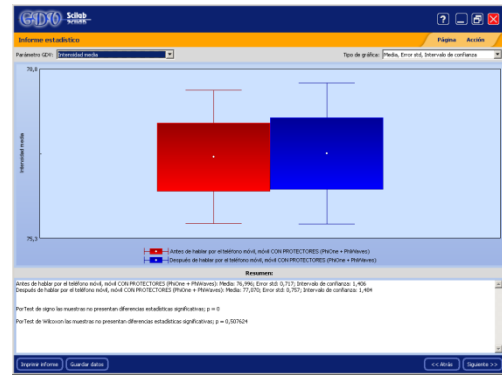


Figure 35. SCILAB, **Quantum P: Fragments Qty** Before VS After talking on the mobile phone WITHOUT PROTECTORS  
Figure 36. SCILAB, **Quantum P: Fragments Qty** Before VS After talking on the mobile phone WITH PROTECTORS

The **Quantity of Fragments** is the number of isolated pieces that appear enlightened in the image, usually, a larger number of fragments means a worse energy pattern, as it indicates that energy is spreading. There is one exception: in elite athletes, when they view their proof and come into an expanded state of consciousness, the area decreases and many fragments appear. In all other cases the fewer the pieces, the better.

Figure 35 shows the Number of Fragments before VS after talking on the mobile phone WITHOUT PROTECTORS. The fragments have clearly decreased, although this is not statically significant.

Figure 36 shows the Number of Fragments before VS after talking on the mobile phone WITH PROTECTORS. The fragments have also clearly decreased, although this is not statistically significant.

Figure 35

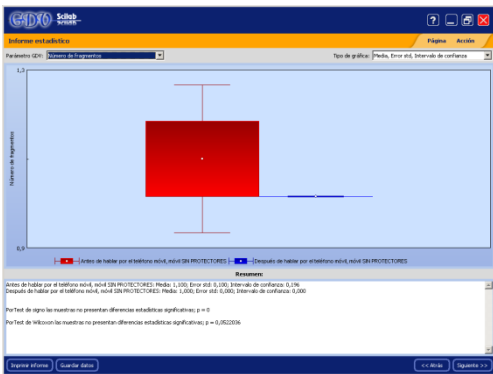


Figure 36

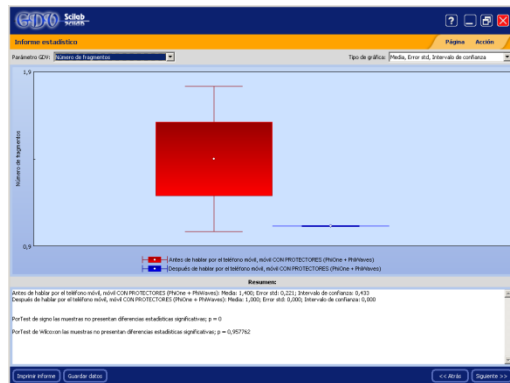


Figure 37. SCILAB, **Quantum P: Shape Coefficient** Before VS After talking on the mobile phone WITHOUT PROTECTORS  
Figure 38. SCILAB, **Quantum P: Shape Coefficient** Before VS After talking on the mobile phone WITH PROTECTORS

The **Shape Coefficient** is the ratio between the length of the outer contour and the length of the ellipse forming the average points. It indicates the level of stability. It is a measurement of the image distortion.

Is used to classify, together with the Entropy, the different types of BioGrams. A higher Shape Coefficient means more instability, that is, its drop is desirable.

Figure 37 shows the Shape Coefficient before vs. after talking on the mobile phone WITHOUT PROTECTORS. The value has increased, although not significantly. This increase indicates that radiation from the mobile phone creates instability and distortion in the HEF structure.

Figure 38 shows the Shape Coefficient before vs. after talking on the mobile phone WITH PROTECTORS. The value has decreased, and, although not significantly, it has come close enough, 9% of the "p" value, facing the 5% value required to be considered significant. This reduction indicates that PhiOne and PhiWaves protectors increase stability in the HEF structure.

Figure 37

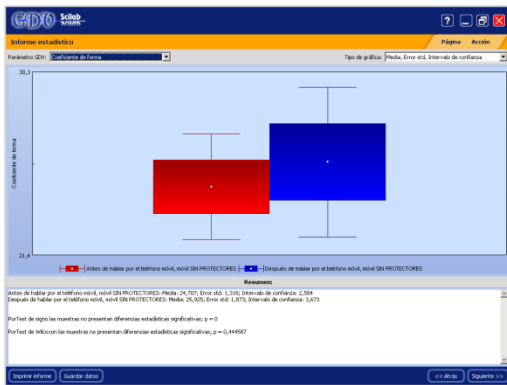


Figure 38

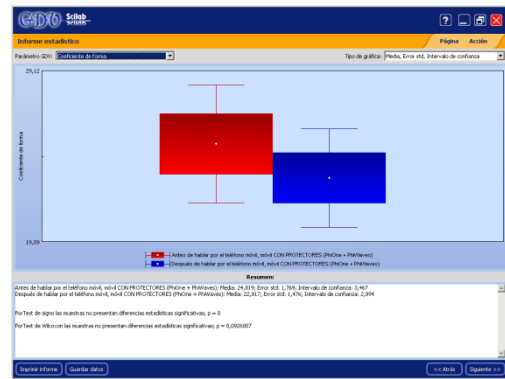


Figure 39. SCILAB, **Quantum Parameter: Entropy** Before VS After talking on the mobile phone WITHOUT PROTECTORS  
Figure 40. SCILAB, **Quantum Parameter: Entropy** Before VS After talking on the mobile phone WITH PROTECTORS

**Entropy** indicates the degree of communication in the energy system. The higher the entropy, the higher the internal communication at energy level. Not to be confused with the "thermodynamic entropy", which measures the degree of disorder in a system.

This variable and the next one (Fractality) are not easily modifiable. The fact that the PhiOne and PhiWaves protectors have positively modified this parameter is a factor to be highly taken into account.

Figure 39 shows the Entropy before vs. after talking on the mobile phone WITHOUT PROTECTOR. The value has sharply fallen and distribution dispersion has increased, which is negative, because it affects the internal communication of the HEF energetic system.

Figure 40 shows the Entropy before vs. after talking on the mobile phone WITH PROTECTORS. The value has increased very significantly,  $p = 0.009$ . This change is very positive and it again shows the PhiOne and PhiWaves protectors capability to promote internal communication at the HEF energetic level.

Figure 39

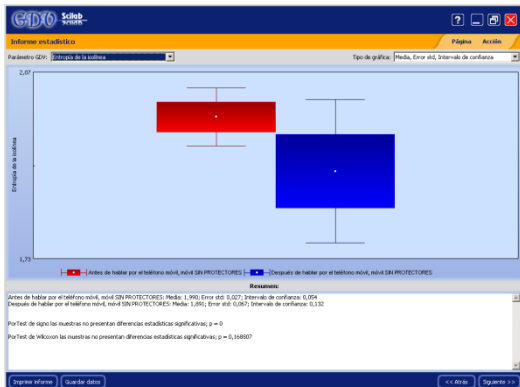


Figure 40

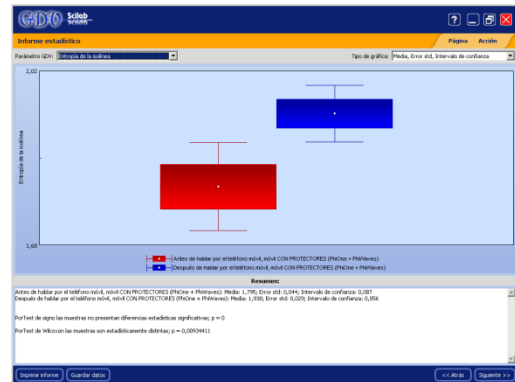


Figure 41. SCILAB, **Quantum Parameter: Fractality** Before VS After talking on the mobile phone WITHOUT PROTECTORS  
Figure 42. SCILAB, **Quantum Parameter: Fractality** Before VS After talking on the mobile phone WITH PROTECTORS

The **Fractality** is a measure of the image regularity.

Figure 41 shows the Fractality before VS after talking on the mobile phone WITHOUT PROTECTORS. The value has slightly increased, with a "p" value of 0.72.

Figure 42 shows the Fractality before VS after talking on the mobile phone WITH PROTECTORS. The value has increased more than with protectors, being the "p" value 0.16. A value that does not approach the significant 5%, but that is much better than 0.72. The increase is positive because it means improving the image regularity.

It is important to note so far that in all my research with the GDV-EPC Fractality has never been significantly improved.

Figure 41

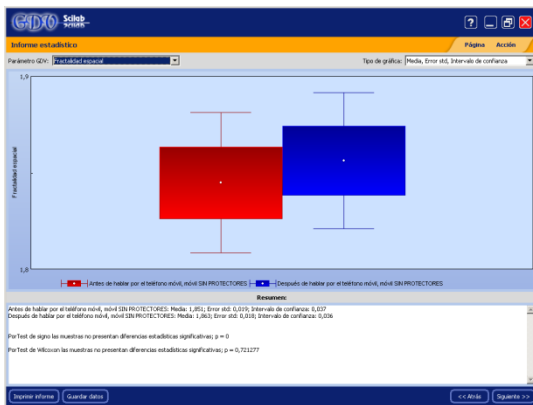


Figure 42

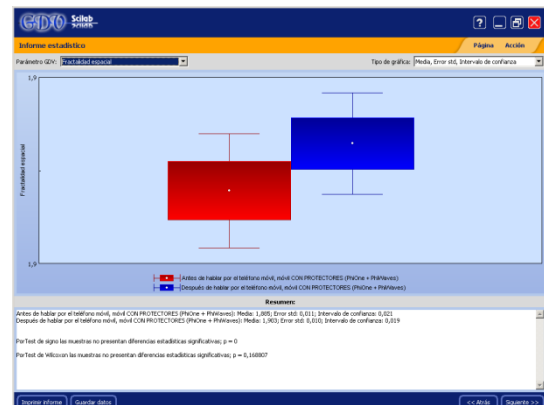


Figure 43. SCILAB **Quantum Parameter: Inner Noise** Before vs After talking on the mobile phone WITHOUT PROTECTORS  
Figure 44. SCILAB **Quantum Parameter: Inner Noise** Before vs After talking on the mobile phone WITH PROTECTORS

The **Inner Noise (%)**. An increase of inner noise reports that the electro-photonic energy is directed into the body.

Figure 43 shows the Inner Noise before VS after talking on the mobile phone WITHOUT PROTECTORS. The value has increased significantly, with a "p" value of 0.03. Directing into the body the electro-photonic energy generated by the mobile phone radiation is not positive because it is unstructured.

Figure 44 shows the Inner Noise before VS after talking on the mobile phone WITH PROTECTORS. The value has increased but not significantly, with a "p" value of 0.11. However, in this case, it is positive that the electro-photonic energy is directed into the body because PhiOne and PhiWaves protectors structure it.

Figure 43

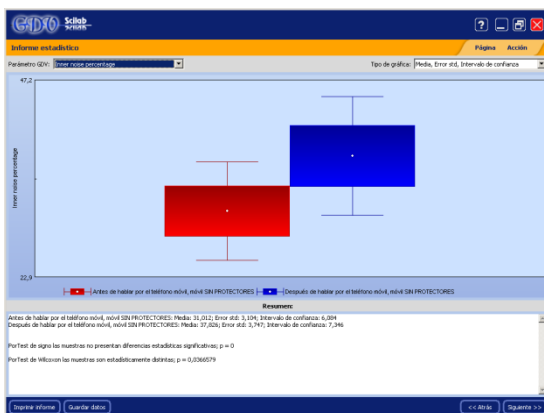
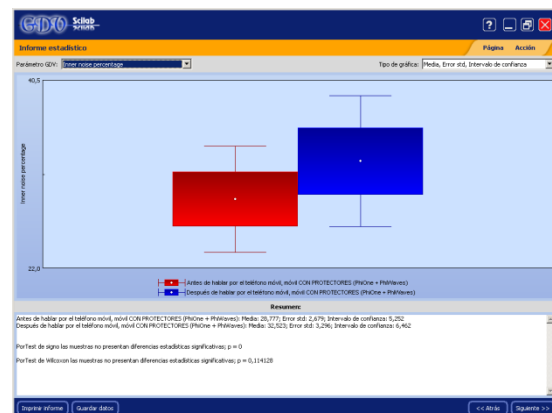


Figure 44



## 9. CONCLUSIONS

The analysis of the data obtained concludes that the two initial hypotheses have been proven:

**First**, that mobile telephony unbalances and unstructures the HEF (Human Energy Field) and the Meridians System, producing a negative effect on the HEF balance.

**Second**, that PhiOne and PhiWaves protectors developed and patented by the company Pranan Technologies protect the HEF and the Meridians System, and even go beyond the protection itself, improving the Energy Balance of the Human Organism.

The results of the indicators analyzed in this study are conclusive, and we can state that PhiOne and PhiWaves protectors have acted in a meaningful way to protect and even re-balance the HEF (Human Energy Field) and the Meridians System, when we use mobile telephony.



Figures 24 and 26 have been chosen for summary. They are the Virtual Chakra displays. They unify in 7 levels the 49 meridians measured by the GDV-EPC system. If a single energy center is out of balance it indicates that it really is (the systems works with arithmetic means), and if the average is unbalanced, it means that the associated meridians are unbalanced too.

The GDV-EPC system is based on the correlation between meridians and energetic centers to report their condition.

It shows two pieces of information, the energy level and the symmetry level. The latter reports the balance between pairs of opposites: mental level-emotional level, right hemisphere level-left hemisphere level, intuition level-action level.

Figure 24

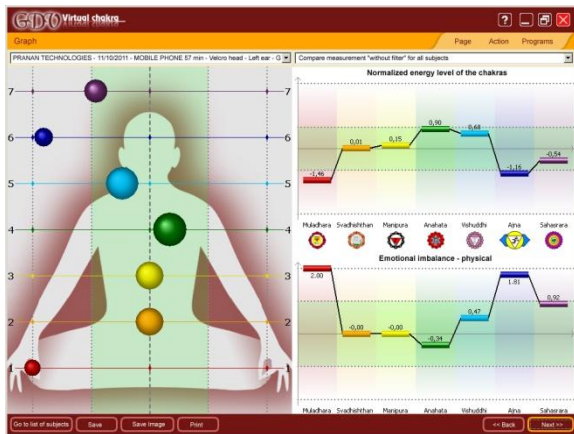


Figure 26

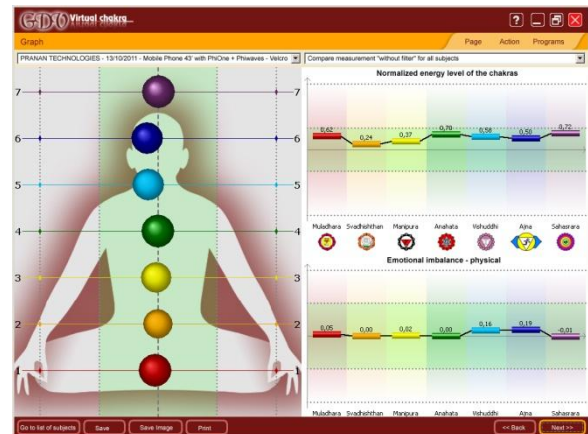


Figure 24 shows the **"Virtual Chakra"** after talking on the mobile phone WITHOUT PROTECTORS

It can be undoubtedly seen how their energy level and intuition-action level are altered.

**Energy Level:** Before talking on the mobile phone WITHOUT PROTECTORS PhiOne and PhiWaves, the energy level of the 7 chakras was correct. After talking, the 1st and 6th chakras showed energy deficiency.

**Hemispheric Symmetry:** Before talking on the mobile phone WITHOUT PROTECTORS PhiOne and PhiWaves, the symmetry of the 7 energy centers was correct. After talking, the 1st, 6th and 7th chakras became unbalanced.

Figure 26 shows the **"Virtual Chakra"** after talking on the mobile phone WITH PROTECTORS.

Measurements taken WITH PROTECTORS PhiOne and PhiWaves undoubtedly confirm the benefit of such protectors.

**Energy Level:** Before talking on the mobile phone, the energy level of the 7 energy centers was correct, being also maintained at the correct level after talking.

**Hemispheric Symmetry:** Before talking on the mobile phone WITH PROTECTORS PhiOne and PhiWaves, the symmetry of the 7 energy centers is correct. After talking, the 5th and 6th energy centers show improved energy levels.

Once again it is conclusively proven that the Protection Technology developed by Pranan Technologies not only protects against low-intensity radiation emitted by mobile phones but also benefits the Human Energy Field.

Mondragón, November 1st, 2011

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(\*International Union of Medical and Applied Bioelectrography)

## 10. ANNEX

**GDV TECHNOLOGY.** The GDV-EPC Bioelectrography is the technology that allows to study, with scientific methodology, the Human Energy Field, which is vital to health. It was created at the University of St. Petersburg, Russia, by prof. Korotkov. It has been recognized by official bodies such as the Russian and the USA Ministries of Health.

### SCIENTIFIC AND INSTITUTIONS REFERENCES

#### **National Institute of Health (USA).**

The National Institute of Health and Aging, under the American Ministry of Health (NIH), organized in April 2002 an international conference: "Measurements of Human Energy Field, the State of Science", which revolved around the GDV technique. It presents a protocol to evaluate the accuracy of discrimination between sick and healthy people with the GDV method. The protocol was approved by the Internal Review Board of the National Institute of Health and the study results were positive. This approval is required in all U.S. clinical protocols for the protection of human beings.

#### **Journal of Applied Physics**

It is the Physics scientific magazine. Albert Einstein published much of his research in it. The articles disclosed therein pass rigorous tests to ensure they are in line with a rigorous scientific methodology. Prof. Korotkov has published an article on applications with the GDV technique: "Korotkov K., Korotkin D. Concentration Dependence of Gas Discharge Around Drops of Inorganic Electrolytes." J of Applied Physics, 2001, V. 89. N 9, p. 4732-4737

#### **Med-Line**

It is the most comprehensive database existing in the world about medicine. Part of it is available online. In 2004 it published the article by prof. Korotkov: "Energy Transfer Mechanisms in Living Systems Biophysics: The Basis of Life Processes." In it, from the "quantum tunnel effect", he explains the mechanisms of energy transfer. "The notion of energy transfer characteristic of the eastern medicine ideas, alien to most people with a european education, may be associated with electron transport in excited states of the molecular complexes of proteins."

#### **Russian Ministry of Sports**

The Russian Ministry of Sports has signed an agreement with DGV Technology suppliers by which it is applied in all Olympic Training Centers in Russia.

#### **Universities and Institutions.**

This technology is used in universities and institutions on the five continents. In the U.S., research with it is carried at the Universities of Nevada and Arizona and at the Mayo Clinic. Over 20 scientific papers have been published on research using this technique in prestigious scientific journals, and there are several books on the subject. (In Spanish: "Aura y Ciencia". Author: Fernando Sanchez. Mandala Ediciones 2000).