

Stop - Waves and Stop - Ondes

EXPERTISE

Doctor D. Prat-Pradal M.D. Ph. D.

University Lecturer

Head of the Functionnal Exploration of the Nervous System and
Acupuncture Department at the University Hospital (C.H.U) in Nimes, France

Nimes on February 2nd, 2002

1 - OBJECTIVE OF THE EXPERTISE

Expertise concerning the process and the evaluation of tests intended to objectivize possible energy disturbances produced by the use of mobile phones without electromagnetic protection and the observation and evaluation of tests with an electromagnetic protection according to the conditions established by the inventor of Stop Waves.

2 - MATERIAL AND METHOD

2-1 MATERIAL

2-1-1 Adult voluntary individuals: 3 men and 1 woman.

2-1-2 A measuring apparatus of L.F. field (1 Hz to 2000 Hz) Krystal M 840D modified Faditech type Z 5000.

2-1-3 A measuring apparatus of wide band HF field (23 MHz to 16 GHz) Faditech Type L.B. Series 68

2-1-4 An adapted probe for the Z 500

2-1-5 Stop Waves or Stop-Ondes supplied by the inventor (with a product specification sheet); with the aim of the experiment, on January 17th 2002, M. LITSCHIG from the Company Litschig Electronic, has tested « Stop Waves » to know the acting frequencies of this interactive protection.

Stop Waves analyzed on the spectre analyzer acts between 639 MHz and 1900 Mhz corresponding among others to the frequencies used by the TV, 5 UHF Band, mobile phones SFR + Itineris (840 to 900 MHz) and Bouygues (1780 and 1800 MHz).

2-1-6 BEST MSA 21 Intertek Testing Services for Bio Meridian.

Description of the insurance systems of quality for medical products DIN IN 46002. European standard IN 46002.

This system allows to determine points of acupuncture at the level of the hand and fingers because there's a modification of the electric conduction at the contact of these points that can be recorded. Thus, the electric activity of the various organ cells can be detected and quantified at the contact of the skin and specially at the level of acupuncture points .

Within the framework of the protocol it was a question of verifying the body's biologic reaction to the electromagnetic radiation produced by cellular phones without and with Stop Waves protection.

2 - 2 PLACE OF EXPERTISE

The laboratory of Functional Exploration of the Nervous system and Acupuncture (University Hospital in Nimes, France), under the responsibility of the Dr. D. Prat-Pradal.

2-3 METHOD

The test using the BEST MSA 21 could start.

It requires after the placement of two electrodes, one of reference and one of detection, the search for acupuncture points located on the hand. Those selected are in a zone of compatible reference with an electrophysiologic normal state.

During the experiment with the BEST MSA 21, the computer screen shows three zones:

A **neutral zone**: the basic line is shown on the screen by a small green strip, indicating a person's normal satisfactory bio-energetic state.

Above the neutral zone there is the **pathological zone with direct influence**.

Below, a **pathological zone without direct influence**.

According to the tests the curve stabilizes in one of three zones indicating values established according to the principle of the Doctor VOLL. Among the tested organs, it was important to look for a balanced one which can be located in the green strip to be used as the reference organ. In case of biologic disturbances, the curve can change.

Four tests per person were effectuated, each of the tests gave place to three successive measurements:

- A) Neutral state: observation of the electric activity at the contact of the skin.
- B) State with a mobile phone switched on and listened by a person located 50cm away from the tested person.
- C) State with a mobile phone switched on and in direct contact with the ear of the tested person.
- D) State with a mobile phone switched on and held in contact with the ear. The cellular phone is equipped with a Stop Waves, placed between the hand and the telephone, the grip must be correct with the palm of the hand and at least three fingers.

3-PROGRESS OF THE STUDY.

3 - 1 CHECK OF THE ELECTROMAGNETIC ENVIRONMENTAL POLLUTION IN THE LABORATORY

M. JANSEN positioned the device BEST MSA 21 connected to a laptop which is using a software that collects the electro-acupuncture values taken on different points on the hand of the healthy voluntary witnesses.

The present members verified that all the mobiles were well switched off.

M. WEHRLLEN verified, the parameters of the electric, magnetic fields and the presence of electromagnetic waves (E.M) inside the room, according to the experimental protocol defined.

This check made by M. WEHRLLEN was communicated to the various persons involved in the expertise and the results are the following ones:

- Electric field 50 Hz: Value $E = 2 - 3 \text{ V / m}$ in the room
Magnetic field 50 Hz Value $H = 0,00 \text{ nT}$
- E.M Waves
Values measured

F.M. Waves	V and H polarization : none
VHF Waves	V and H polarization : none
UHF Waves	V and H polarization: none
Microwaves	V and H polarization : none

No disruptive **electromagnetic pollution** being noticed, the tests could start with the MSA21 b CLASS 2 SERIE 1455

3 - 2 EXECUTION OF TESTS.

Three adults voluntary witnesses gave the following results:

INDIVIDUAL 1

- A) Neutral state « allergic point »: the 3 tests give results between the values 46 and 48.
- B) Phone placed at 50 cm: the 3 tests give results between the values 57-58 in the zone of amplitude.
- C) Cellular phone touching the ear: the 3 tests give results between the values 62-68 in zone of amplitude.
- D) Telephone protected with Stop Waves: the 3 tests give results between the values 48-50 in neutral zone.

INDIVIDUAL 2

- A) Neutral state: « metabolism point »: the 3 tests give results between the values 47-48.
- B) Phone placed at 50 cm: pathological zone, the 3 tests give results around value 46.
- C) Cellular phone touching the ear: pathological zone, the 3 tests give results between the values 38-39.
- D) With Stop Waves: the 3 tests give results between the values 46-48

INDIVIDUAL 3

- A) Neutral state: « hormonal point »: the 3 tests give results between the values 47-47
- B) Phone placed 50 cm away: pathological zone, the 3 tests give 42 as a result.
- C) Mobile phone touching the ear: pathological zone, the 3 tests give 37 as a result.

D) Telephone equipped with Stop Waves (phone held with two fingers only): the 3 tests give 45 as a result.

With Stop Waves fully in the hand: the 3 tests give 51 as a result which brings the curve in the neutral zone.

According to these tests, we noticed that mobile phones create an energetic disturbance of biologic currents of the tested persons and that with Stop Waves these biologic currents return to normal values.

4 - CONCLUSION

According to the results obtained with the voluntary witnesses, it's possible to observe that the mobile phone used by the tested witness and the mobile phone used by a person located 50 cm away from the tested witness entails an energy disturbance of the electro-physiological currents of the witnesses.

On the other hand, both tested systems (stop-waves and stop-ondes) in these two precise cases (telephone used by a person placed 50 cm away from the tested persons and witness using the telephone) allow to restore the energetic balance of the witnesses.