

Advocacy for Extension of Microwave and Infrared to Detect the Brain Activities

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Abstract

Microwaves and infrareds have been employed as non invasive tools to image brain structures. Herein I present a case report that, with microwaves or infrareds, the US satellites have acquired the ability to trace the individual persons on the ground on their acoustic activities, and even plausibly their brain activities. Therefore, it is herein suggested that, to decrease down the pulse energy to the brain level while increase the size and sensitivity of antenna, it would also be possible for companies to make the microwave-induced thermoacoustic detector on brain activities.

Keywords: Microwave-induced thermoacoustic tomography; Near-infrared spectroscopy; Radar satellite; Antenna; Brain activities; Language

Introduction

Recently, microwave-induced thermoacoustic tomography [1,2] and near-infrared spectroscopy [3,4] have been employed as new tools to image the biological tissues, including the brain structures [1-4]. One of the advantages of these new equipments lies in their noninvasive nature of radiation without harmful side effects. Whereas, most of the radiations from the brain are also situated within the frequency range of microwaves and infrareds. Therefore, it is also prospective to use the microwaves or infrareds to detect the brain activities.

Herein, I present myself as a case report for US satellites to trace and detect personal activities on the ground with microwaves or infrareds. I have been able to sense being traced by US satellites since 1997, and realized talking with the satellite operators with satellite thermoacoustic microwaves or infrareds since then. My speech sound can propagate 20 meters away in all directions, so that the reflective area of it would be about 1250 square meters on thermoacoustic microwave or infrared detectors of satellites, corresponding to the size of a military bomber, definitely within the detective ability of most military satellites.

The US satellites also timely transfer my important social and scientific activities to television networks to influence the world, such as leading the electromagnetic unification of four forces [5]. Whereas from television, I learned that the world people even knew many of my personal preferences and plots, and even the details of my playing Chinese chess [6], which were not communicated out in my oral voices. Besides, the satellite operators can even induce and comment my embarrassed dreams. Therefore, it is plausible that the US satellites have acquired the ability to detect and read out my brain activities with thermoacoustic microwave or infrared detectors of satellites. It is known that in average the brain consumes about 20% of total metabolic energy in humans [7,8], certainly comparable to that of

common voice for speaking which has been detected by thermoacoustic satellites successfully.

In this regard, it is herein suggested that, to decrease down the pulse energy to the brain level while increase the size and sensitivity of antenna, it would also be possible for companies of medical equipments to realize as well the microwave-induced thermoacoustic detection of brain activities. The US operator of satellite reminded that some brain activities directly manifested thermoacoustic coherence with the neural feedback from vocal muscles and head tissues. It is common knowledge that the humans adopt language in their comprehension, meditation and communication, while the language can be outlined with three interactive neural processes as semantic memory association, procedural grammar syntax and episodic modality coordination [9,10]. Translation of brain activity map into individual linguistic sentences would neither be difficult.

The proposed new equipments able to detect and read brain activities would be useful to psychotic diagnosis, psychoanalysis [11], mental criminal diagnosis, and so on.

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