

Table 1
SCHIZOPHRENIA SIGN/SYMPTOM CORRELATION WITH MICROWAVE BIOEFFECTS

Physiologic Parameter	Schizophrenia Sign/Symptom	Microwave Bioeffect
Cognitive Deficit	Deficits Widely Reported	Numerous Animal Studies Show Deficits
Electrophysiology		
Contingent Negative Variation	Decreased in Patients	Decreased on Human Cell Phone Exposure
Event Related Auditory Response	Decreased in Patients	Decreased in Animals. Increase in Human Auditory Thresholds
EEG Delta Wave	Increased in Patients	Increased in Humans and Animals
Startle Response	Decreased in Some Patients	Decreased in Animals
Neurotransmitters		
Dopamine	Indicated Decreased in Negative Symptom Schizophrenia	Indicated Decreased Based on Extensive Evidence
Serotonin	Indicated Decreased in Patients Based on Numerous Studies	Found Decreased in Rats
γ -Aminobutyric Acid	Found Decreased in Schizophrenia Synaptosomes	Decreased Receptor Specific Binding
Hormones		
Corticosteroids	ACTH, Cortisol, and Corticosterone Reported Increased	Adrenal Depletion with ACTH and Corticosterone Increase Reported
Melatonin	Decrease Reported in Some Patients	Decreased on Human Cell Phone and EMF Exposure
Mitochondria	Decreased Number in Schizophrenia Brain	Deleterious Changes with Decreased ATP and Creatine Phosphate
Lipid Phosphorylation	Decreased on Magnetic Resonance Spectroscopy	Decreased P^{32} Lipid Incorporation

TABLE 1, continued

Physiologic Parameter	Schizophrenia Sign/Symptom	Microwave Bioeffect
Blood-Brain Barrier	Suggested Impaired in Patients	Reported Decreased in Numerous Studies
Immunology		
Autoimmunity	Suggested from Autoantibody Levels and Autoimmune Disease Incidence	Reported Induced and Stimulated
Tumor Necrosis Factor	Reported Increased	Numerous Reports of Increase in Animals
B Lymphocytes	Balance of Evidence Shows Increase in Some Patients	Increased in Mouse Spleen with Genetic Control
Ocular Disease		
Cataract	Subcapsular Cataract Reported Without Association to Medication	Known Cause of Subcapsular Cataract
Retinopathy	Associated with Widely Prescribed Anti-Psychotics	Associated with Occupational Exposure and Experimentally Produced
Anatomy & Histology		
Hippocampus	Hippocampal-amagdala Complex Volume Reduced in Most Studies	Degenerative Hippocampus Histology Reported
Thalamus	Volume Reduction Observed in Many Studies	Degenerative Histology Reported
Cerebellum	Changes Observed in Many Studies	Degenerative Histology Reported
Other Brain Areas	Volume Reductions Observed in Frontal and Parietal by Many Studies	Several Reports of Degenerative Unspecified Brain Histology
Metabolic Activation	Hallucination Activates Temporal Lobe and Substructure of Hippocampal-amagydala Complex with Thalamus Activation	Animal Activation of Temporal Lobe, Amgydala and Thalamus on Hearing Effect Pulsed Microwaves
Voice Transmission	Hallucination Most Common Symptom	Voice Transmission Known