Table 9. Neural electrophysiological effects from exposure to RF and microwave radiation.

Frequency (MHz) (MHz)	Modulation	Study Material/ Endpoint	Effect	Temp Rise	Ave SAR (W/kg)	Author Year
918	CW	Cats Evoked Potential	Yes	Yes	5	Guy et al [1975]
1500 2450	CW	Aplysia Ganglia ISI	Yes	Yes	5	Wachtel et al [1975]
2450	CW	Rabbit Ganglia Latency	No	No	2.2	Courtney et al [1975]
2450	CW	Nerve Latency	No	No	30	Chou & Guy [1978]
2450	CW	Snail Neuron AP	Yes	No	12.9	Arber & Lin [1985]
2450	CW	Snail Neuron AP	Yes	No	12.5	Ginsberg et al [1992]
2450	Noise AM	Snail Neuron AP	Yes	No	6.8	Lin and Arbor [1983]
2450	Pulse Modulation	Snail Neuron AP	Yes	No	81.5	Field et al [1993]

AP - Action potential (spontaneous activity, membrane resistance and time constant).