We are deeply concerned by the ample evidence of harm caused by radiofrequency radiation (RFR) to our own health and to public health in this country. Current exposure limits for RF radiation are based on numerous assumptions; however, research studies published over the past 25 years show that most of those assumptions are not supported by scientific evidence.

Based on this abundance of scientific evidence we want strict laws to protect us and allow us to opt out of excess radiation, and provide local control for when and where to site infrastructure that causes radiation. We want better safeguards to limit RFR in all public spaces.

We have personally experienced a reduction from symptoms of RFR exposure by turning off the wireless feature on our router and putting many our electronic devises on ethernet cables, and by reducing our cell phone use.

The majority of the scientific literature related to RFR stems from cell phone studies. There is strong evidence that people who use a cell phone held directly to their ear for more than ten years are at significantly increased risk of developing gliomas of the brain and acoustic neuromas of the auditory nerve. There is also evidence that the risk of developing these cancers is greater in younger than older people. The May 2016 report from the US National Toxicology Program showing that rats exposed to cell phone radiation for nine hours per day over their life-span de- velop gliomas of the brain and Schwannoma of the heart (the same kind of cancer as acoustic neuroma) adds proof to the conclusions from the human health studies that radiofrequency radiation increases risk of cancer.

While the strongest evidence for hazards coming from RFR is for cancer, there is a growing body of evidence that some people develop a condition called electrohypersensitivity {EHS). We are among these individuals that respond to being in the presence of RFR with a variety of symptoms, including headache, fatigue, memory loss, ringing in the ears, "brain fog" and burning, tingling and itchy skin. Some reports indicate that up to three percent of the population may develop these symptoms, and that exposure to smart meters is a trigger for development of EHS.

Anthropogenic EMF (RFR) may also be contributing more than we currently realize to other species' diminishment and extinction. Exposures continue to escalate without understanding EMF as a potential causative and/or co-factorial agent. It is time to recognize ambient EMF as a potential novel stressor to other species, design technology to reduce exposures to as low as reasonably achievable, keep systems wired as much as possible to reduce ambient RFR, and create laws accordingly to protect humans and all the

Please find attached some relevant studies and references that relate to the dangers of RFR. There are thousands more listed at https://ehtrust.org/science/science-on-health-effects-of-cell-phone-and-wireless-radiation/?link_id=5&can_id=4e10ca07001c7ba173b2541d8c5cab8e&source=email-act-now-to-support-h3551-in-the-ma-legislature&email_referrer=email_3146404&email_subject=act-now-to-support-h3551-in-the-ma-legislature

Please take the following actions to protect our family and the public from the dangers of RFR.

• Governmental and institutional support of data collection and analysis to monitor potential links between RFR associated with wireless technology and cancers, sperm, the heart, the nervous system, sleep, vision and hearing, and effects on children.

• Further dissemination of information regarding potential health risk information that is in wireless devices and manuals is necessary to respect users' *Right To Know*. Cautionary statements and protective measures should be posted on packaging and at points of sale. Governments should follow the practice of France, Israel and Belgium and mandate labeling, as for tobacco and alcohol.

- Regulations should require that any WTD that could be used or carried directly against the skin (e.g., a cell phone) or in close proximity (e.g., a device being used on the lap of a small child) be tested appropriately as used, and that this information be prominently displayed at point of sale, on packaging, and both on the exterior and within the device.

- IARC should convene a new working group to update the categorization of RFR, including current scientific findings that highlight, in particular, risks to youngsters of subsequent cancers.

- Emerging human evidence is confirming animal evidence of developmental problems with RFR exposure during pregnancy. RFR sources should be avoided and distanced from expectant mothers, as recommended by physicians and scientists (**babysafeproject.org**).

- Other countries should follow France, limiting RFR exposure in children under 16 years of age.

- Cell towers should be distanced from homes, daycare centers, schools, and places frequented by pregnant women, men who wish to father healthy children, and the young.