

SENATE No. 2431

The Commonwealth of Massachusetts

In the One Hundred and Ninetieth General Court
(2017-2018)

SENATE, Tuesday, April 17, 2018

The committee on Consumer Protection and Professional Licensure, to whom was referred the petition (accompanied by bill, Senate, No. 107) of Julian Cyr, Timothy R. Whelan and Sarah K. Peake for legislation relative to disclosure of radiofrequency notifications; and (accompanied by bill, Senate, No. 108) of Julian Cyr and Timothy R. Whelan for legislation relative to cell phone distributors disclosure of RF radiation,- reports the accompanying resolve (Senate, No. 2431).

For the committee,
Barbara A. L'Italien

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Resolve relative to disclosure of radio frequency notifications.

1 **Resolved**, Notwithstanding any general or special law to the contrary, there shall be a
2 special commission to research the impact of electromagnetic (EMR) and radiofrequency (RFR)
3 radiation on consumer protection, public health, and technology in the Commonwealth.

4 The commission shall consist of the following 11 members: one of whom shall be the
5 Commissioner of the Department of Public Health or his designee, who shall serve as chair; one
6 of whom shall be the Commissioner of the Department of Telecommunications and Cable or his
7 designee; one of whom shall be a representative from the Office of Technical Assistance and
8 Technology; one of whom shall be the Director of the Office of Consumer Affairs & Business
9 Regulation or his designee; one of whom shall be a member of the Massachusetts Medical
10 Society, who is a specialist in environmental medicine; and 6 members with ten years of work
11 experience in their respective fields shall be appointed by the governor, one of whom shall be a
12 representative from the telecommunications industry; one of whom shall be a pediatrician who is
13 knowledgeable about the health effects of EMR and RFR radiation in children; one of whom
14 shall be a scientist who specializes in environmental medicine and is knowledgeable about EMR
15 and RFR radiation; one of whom shall be an attorney with a background in environmental law,

16 with knowledge in EMR and RFR radiation; one of whom shall be an academic who researches
17 medical technology and public health, with knowledge in EMR and RFR radiation and expertise
18 in research methodology; and one of whom shall be an engineer with expertise in wireless
19 network engineering, technology, and knowledge in EMR and RFR radiation.

20 The commission shall include but not be limited to the following research topics: i)
21 exploring the cost/benefit of disclosing radiofrequency notifications on product packing of
22 wireless devices, with a focus on the effects of RFR labeling fine print on consumer buying
23 behavior and impacts on the technology industry; ii) outlining public awareness and education
24 materials on EMR and RFR radiation for consumers and businesses in the Commonwealth; iii)
25 examining the biological effects of EMR and RFR radiation at the non-thermal level impacting
26 adults and children through industry and non-industry research, with an emphasis on device time
27 and children; iv) implications of EMR and RFR radiation exposure in new wireless technology;
28 v) understanding the regulatory impact of FCC setting RFR public radiation exposure limits and
29 reviewing industry compliance protocols with FCC standards; vi) outlining guidelines for quality
30 EMR and RFR radiation research in the Commonwealth by evaluating both industry and non-
31 industry findings, trends, and research methodologies; vii) examining the impacts of premarket
32 safety testing procedures for wireless technology; and viii) reviewing national and international
33 regulatory best practices that address the impact of EMR and RFR radiation on technology,
34 consumer protection, and public health.

35 The commission shall file a report of its recommendations and proposed legislation or
36 regulatory changes, if any, with the clerks of the House and Senate and with the chairs of the
37 Joint Committee on Consumer Protection and Professional Licensure not later than December
38 31st 2019.