



DAVID Y. IGE
GOVERNOR

MIKE MCCARTNEY
DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

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Statement of
MIKE MCCARTNEY
Director
Department of Business, Economic Development, and Tourism
before the
HOUSE COMMITTEE ON ECONOMIC DEVELOPMENT & BUSINESS
AND
HOUSE COMMITTEE ON INTRASTATE COMMERCE

Wednesday, February 5, 2019
9:00 a.m.
State Capitol, Conference Room 309

In consideration of
HB 2264
RELATING TO BROADBAND SERVICE INFRASTRUCTURE.

Chairs McKelvey and Ohno, Vice Chairs Kitagawa and Kobayashi and members of the Committee. The Department of Business, Economic Development and Tourism (DBEDT) supports the intent and provides **comments** for HB2264 which establishes an executive office of broadband development in the office of the Governor.

We offer the following comments:

1. Although DBEDT appreciates the intent of elevating the visibility of broadband to the Governor's office the creation of an executive office of broadband is not constitutionally permissible and at best temporary.
 - a. Article V, section 6 of the State Constitution provides that all executive and administrative offices, departments, and instrumentalities of the State shall be allocated by law among and within its principal departments. Section 26-4, Hawaii Revised Statutes, lists those principal departments of the executive branch of the state government, and the Office of the Governor (GOV) is not considered a principal department. Therefore, if the intent of this bill is to establish a permanent office on broadband development in the Office of the Governor, it would be subject to constitutional challenge. If this bill were to establish a temporary office within GOV, with a sunset date, then it may not

be subject to the same constitutional challenge. (Source: Attorney General's office)

2. DBEDT is currently developing its restructuring plan and placement of a broadband office would be best incorporated into that plan, providing it a more permanent home.
3. The creation of a Hawaii Broadband Advisory Council would be problematic and confusing since the Broadband Assistance Advisory Council already exists within DCCA.
4. The key priority for any broadband organizational structure would be based on the CIP funding for the cable landing infrastructure. Current estimates for cable landing infrastructure on Oahu (4), Hawaii (2), Maui (2), and Kauai (2) would be \$18,000,000. DBEDT continues to seek funding from Federal and private sector sources. Numbers in parenthesis reflect the number of horizontal bores for each island.
5. DBEDT appreciates the continued discussion regarding the future of broadband in Hawaii.

Thank you for the opportunity to testify on this measure.

HB-2264

Submitted on: 2/3/2020 3:15:55 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Mike Wong	Keep Your Power	Oppose	Yes

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 4:01:11 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
A Kathleen Lee	No Kohala CERT, Teens X2 Social, Temple of Healing & Education	Oppose	No

Comments:

Aloha Honorable Representatives of the Citizenry of Hawai'i State,

The addition of this bill without the required notice is not ethical, nor a practice that is of high moral standard.

The 5G push is not in the publics' best interest and there is much evidence for this. the folowing are only some of the topics that hae been researched and available for the astute thinker to consider:

Is 5G Dangerous? What The Science Says

Dr. Gerard J. Hyland told the Global Union Against Radiation Deployment from Space (GUARDS), "The human body is an electro-chemical instrument of exquisite sensitivity." "If a signal can operate a mechanical device, it can disturb every cell in the human body."

The fact is, there have been:

No pre-market studies.

No long-term studies.

No opportunity for an individual to opt-out of this technology.

It will be EV-ery-where.

What's The Difference Between EMFs In Nature And Man-Made EMFs?

Electromagnetic fields (EMFs) present in nature are a very different kind than what is generated by EMFs used in modern technology. To keep it simple, let's compare just five characteristics:

Difference between EMFs in nature and man made EMFs

Humans have never before been exposed to this type of electromagnetic radiation for long periods of times. The continual pulsing and non-pulsing of man-made electromagnetic frequencies and its subsequent electromagnetic radiation has been unleashed and it is almost everywhere, layer upon layer.

This is something new. It is foreign to what we find in the natural world. We don't really know how this is all going to turn out. [9,10]

How Much Radiation Is Dangerous? Or Too Much?

Person in a digital sea of 5g dangerous radiation

According to Olle Johansson, PhD, associate professor in neuroscience at the Karolinska Institute in Sweden, our bodies are subjected to one quintillion times (that's a 1 with 18 zeros behind it) more electromagnetic radiation today than we were a decade ago. In 2017, he was featured in a documentary, Generation Zapped, to explain the dangers we face.

We are talking about man-made, non-ionizing radiation; i.e., the radiation emitted from cell phone towers, WiFi, smart meters, wireless devices, etc.

Regardless of the exact number, it is a very big number. And our exposure is almost constant and grows every year.

Many published studies confirm the carcinogenicity of electromagnetic radiation, but most studies focus on the biological exposure of only a single frequency.

Few published scientific studies as of yet have explored the aggregate biological effects of the complex, multi-frequency radiation that now pollutes modern buildings, schools, homes and the general environment everywhere across the globe.

A 2016 study of the man-made electromagnetic radiation within the Stockholm Central Railway Station in Sweden found 20 different pulsed frequency sets. Research was conducted by the Hardell Cancer Research Group. This study is a reality check on the astronomical number of wireless signals that simultaneously bombard our bodies everywhere we go. [11]

5G is sure to substantially increase that already dangerous number of wireless signals that bombard our bodies daily. And it can use super-20 GHz MMW (millimeter wave). This technology has been used for years in medicine, military, and satellite industries, but remains un-tested for the general public.

And the number of cell antennas is expected to increase to over 13 million.

What Are These EMFs Doing To Our BODIES?

There are close to 6,000 scientific, peer-reviewed EMF research papers showing strong correlation between electromagnetic radiation and a host of diseases and disorders including cancer, cardiovascular abnormalities, neurological disorders, digestive problems, dermatitis, reproductive failure, certain types of diabetes, as well as behavioral and learning disabilities and many others.

The landmark study from the National Toxicology Program of the US Department of Health and Human Services concluded that there is “clear evidence” that radiation from cell phones causes cancer [12]

And in 2011 the World Health Organization (WHO) classified radio frequency radiation as a possible 2B carcinogen specifically citing the increased risk for glioma, a malignant type of brain cancer. How much more has our exposure increased since then?

..Sadly, there are real people with faces and families.

A neighborhood in the UK was plagued with cancer living under the shadow of a huge cell tower. They reported 14 deaths from cancer in their small circle of homes in just seven years.

And a small town in California is concerned over a fourth child diagnosed with cancer while attending school with a cell phone tower located right on campus.

The danger is not just cancer—there are a host of diseases and disorders associated with over-exposure to electromagnetic radiation.

There is no doubt that electromagnetic radiation has biological impact. EMFs affect life at the cellular level –

Cause DNA breakage

Compromise the Blood Brain Barrier

Weaken the immune system

Produce stress proteins

Cause inflammation

Disrupt cell communication

Alter calcium function

The above are well-documented, scientific facts. [13]

The debate comes down to the question – does it matter? And, since most people are not dropping dead left and right, we can afford to do some more research, says industry. [14,15]

How Much More Dangerous Is 5G?

Right now, excessive and continuous exposure to EMFs are almost impossible to escape in urban environments. In my opinion, 5G could remove the word “almost,” at least in highly-populated areas.

The danger is that EMFs and 5G radiation could soon be impossible to escape in urban environments.

It is ALWAYS ADVISABLE TO THINK BEFORE WE ACT,

April Lee

Owner/Reverend/Non-Profit Provider

HB-2264

Submitted on: 2/3/2020 4:51:12 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joseph Kohn MD	We Are One, Inc. - www.WeAreOne.cc - WAO	Oppose	No

Comments:

Strongly oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

5G is a Danger for Life & Limb!

7 min video - Please Share Widely

https://youtu.be/s9sUgNP_2kM

Militarized High Power Pulsed Microwave Radiation = 5G (Fifth Generation)

(not the same as 5 GHz wifi)

It's more than just pollution.

Genetic Extinction in 3 Generations.

Documented Health Effects of 5G

Over 10,000 scientific studies show genetic damage!

The Full Truth of 5G - <https://www.5gspaceappeal.org/>

1 hr 18 min film

<https://youtu.be/ol3tAxnNccY>

<https://bioinitiative.org/>

www.WeAreOne.cc

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House Committee on Economic Development & Business
Honorable Angus L.K. McKelvey, Chair
Honorable Lisa Kitagawa, Vice Chair

House Committee on Intrastate Commerce
Honorable Takashi Ohno, Chair
Honorable Dale T. Kobayashi, Vice Chair

**RE: Testimony Commenting on H.B. 2264,
Relating to Broadband Service Infrastructure**
Hearing: February 5, 2020 at 9:00 a.m.

Dear Chairs and Members of the Committees:

My name is Brian Black. I am the Executive Director of the Civil Beat Law Center for the Public Interest, a nonprofit organization whose primary mission concerns solutions that promote government transparency. Thank you for the opportunity to submit comments on H.B. 2264.

In proposed section -5(c) and -6(d), this bill purports to make all “non-public” business information exempt from the public records law as it concerns applications for grants of taxpayer monies. That standard has no precedent in the Hawai`i Revised Statutes.

“Non-public” is not a meaningful standard. Companies often consider *less accessible* information to be non-public. There are even examples of corporations claiming that information is not public despite the fact that it is contained in federal securities filings. A “non-public” standard incentivizes companies to claim that all records related to these grant applications are confidential.

There are existing standards under the public records law that would respect taxpayers’ legitimate interest in understanding how State monies are being spent while protecting companies’ legitimate business concerns. *E.g.*, OIP Op. No. 90-02. These standards require that a business entity make a minimal showing to establish that information is truly worthy of confidentiality. **Replacing “non-public information” with “proprietary, trade secret, and confidential business information” would incorporate well-established standards to appropriately protect grant applicants’ and challengers’ business records.**

Thank you again for the opportunity to provide comments on H.B. 2264.

HB-2264

Submitted on: 2/3/2020 1:08:32 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dawn Poiani	Individual	Oppose	No

Comments:

Broadband technology has not been fully tested for safety in regards to 5G technology. There should never be a bill that's intent is to eliminate roadblocks without proper safety analysis.

Other countries have questioned the safety and there is considerable science that says that we should put a pause on further broadband technology.

HB-2264

Submitted on: 2/3/2020 3:14:46 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
juhl rayne	Individual	Oppose	No

Comments:

aloha,

5G is DANGEROUS to our health, it has not ever been tested to see all of the implications but i don't know anyone who wants it except people whos pockets are lined from the communication companies

I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

Juhl Rayne

HB-2264

Submitted on: 2/3/2020 3:15:59 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tera Paleka	Individual	Oppose	Yes

Comments:

I have autoimmune disease of which all electromagnetic currents deeply affect. I can't work or think straight. I say absolutely not and enough not listening to your constituents.

HB-2264

Submitted on: 2/3/2020 3:17:40 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
valerie Lasciak	Individual	Oppose	No

Comments:

It is a danger to human health.

HB-2264

Submitted on: 2/3/2020 3:18:04 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Bri Mar	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

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HB-2264

Submitted on: 2/3/2020 3:19:52 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Alan Koons	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a man-made toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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HB-2264

Submitted on: 2/3/2020 3:22:04 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sandra Stokes	Individual	Oppose	No

Comments:

I oppose this bill. Studies indicate 5 G is quite probably dangerous for our citizenry.

HB-2264

Submitted on: 2/3/2020 3:23:45 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sulara James	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 3:25:48 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Myelle	Individual	Oppose	No

Comments:

We the residents of Big Island Hawaii do NOT want any obstacles such as natural greenery removed to make way for wireless &/or 5G towers...because we do NOT want this expansion of harmful WiFi services here. 5G is detrimental to the health & privacy of all citizens. Everyone I know opposes it, so why are you trying to push it through??

Strongly opposed to bill HB 2264...& any other legislation pertaining to a roll out of harmful 5G.

It has nothing to do with health. 'Tele-'health or otherwise. If the island needs more doctors, HIRE THEM.

HB-2264

Submitted on: 2/3/2020 3:26:06 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John Anselm	Individual	Oppose	No

Comments:

I oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

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HB-2264

Submitted on: 2/3/2020 3:29:08 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John Gelert	Individual	Oppose	No

Comments:

5G wireless infrastructure is dangerous to human health, animal health, and plant health. I oppose all wireless infrastructure beyond 4G.

HB-2264

Submitted on: 2/3/2020 3:34:58 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John Morey	Individual	Oppose	No

Comments:

5G has not been tested by regulators or the telcom industry for negative health effects. In fact, independent research has conclusively shown that 5G is extremely detrimental, to not only human health and well being, but also other biological life forms. It is highly irresponsible to sponsor HB2264.

HB-2264

Submitted on: 2/3/2020 3:45:01 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sharman O'Shea	Individual	Oppose	No

Comments:

I oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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Thank you!

HB-2264

Submitted on: 2/3/2020 3:48:40 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
karen rowland	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

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HB-2264

Submitted on: 2/3/2020 3:48:50 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Kathryn Miller	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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HB-2264

Submitted on: 2/3/2020 3:54:10 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
DONNIE BECKER	Individual	Oppose	Yes

Comments:

WE ARE NOT GUINIE PIGS.....

NO-TESTING ON HUMANS HAS EVER BEEN TESTED.....WITH THIS BRAND NEW TECHNOLOGY.....SO CORRUPTED BY THE MONEY.....!!!!

HB-2264

Submitted on: 2/3/2020 3:59:01 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Cassandra Korte	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

HB-2264

Submitted on: 2/3/2020 4:03:33 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
mike fagan	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 4:04:46 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
sandy lawler	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a man-made toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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HB-2264

Submitted on: 2/3/2020 4:07:05 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John NAYLOR	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 4:11:08 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nina Monasevitch	Individual	Oppose	No

Comments:

I strongly oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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HB-2264

Submitted on: 2/3/2020 4:11:28 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Donn DeShayne	Individual	Oppose	No

Comments:

I oppose this bill. You should be making it more difficult to implement 5G wireless, not easier.. Every cell in your body is flooded with extra calcium ions whenever it is within the field of microwave source. Some people feel debilitating symptoms, and the rest of us are just aging faster. It's bad enough we are bombarded by our neighbors wi-Fi routers. Don't put 5G antennas in our neighborhood.

Thank you

HB-2264

Submitted on: 2/3/2020 4:18:15 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Carla Keller	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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HB-2264

Submitted on: 2/3/2020 4:18:31 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Mio Chee	Individual	Oppose	No

Comments:

My name is Mio Chee and I live in Ala Moana. I strongly oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values and here is why.

My newly purchased house in Ala Moana is surrounded by numerous cell towers including 5G. I can spot three cell towers from my bedroom where I spend at least 7 hours everyday. From my teen boys' bedroom, I can see at least one. Since we moved into this house, I have developed electrical sensitivity due to the extremely high level of EMF from cell towers. I suffer from severe headaches, inflammation in my entire body, and feeling sick all the time. My memory and vision are also being affected. All of these happened in the span of only 1 year after our moving. Before then, I was a healthy mid 40 age woman who was very active. Now, I carry around my EMF meter with me wherever I go and avoid crowded places.

The only "safe" area in my house was the garage according to the meters (I bought three different types for accuracy). My boys and I started sleepin in the garage about a month ago, and that's when those symptoms finally started to disappear. We are in the middle of shielding the house using high conductive paint, fabric, etc. and the level of EMF has decreased, but it is still very high because the RF emitted from those cells are so powerful. I have spent more than \$10,000 for shileding the house and it is not nearly enough to considered to be "safe". I am estimating that I will need to spend at least another \$10,000 to complete my project. However, since 5G is so unknown, the shielding products we are using may not even work for the high 5G GHz ranges. There are no items on the market that are being tested and proven to shield 5G signals because it is so new. You may be thinking I may be a rare case, but many of my friends in Hawaii also suffer from various symptoms from EMF exposures from cell towers. Many of my other friends are very concerned about exposures from cell towers especially for those who have young children. Please do not pass this bill and protect the people of Hawaii.

Thank you so much for reading my testimony.

Mio Chee

HB-2264

Submitted on: 2/3/2020 4:22:09 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Chandra Fulton	Individual	Oppose	No

Comments:

I Chandra Fulton oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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Chandra Fulton

HB-2264

Submitted on: 2/3/2020 4:24:42 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
megan	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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HB-2264

Submitted on: 2/3/2020 4:26:20 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lauren Paer	Individual	Oppose	No

Comments:

This legislation states that it will create an executive office on broadband development. That sounds okay until you read further, where it sounds this council is more of an advocate of the broadband industry than a council intent on making the right decision for the residents of Hawaii. I do not think that is appropriate- especially with the industry push for 5G so many doctors are concerned about. So I oppose this bill.

The responsibilities cited mention nothing about educating the public or state officials on the costs and benefits or any changes or "upgrades" to our broadband. This is particularly concerning given we all know 5G is on the way and of course industry folk would love to test it out on us here in Hawaii. A broad coalition of scientists and researchers recently wrote an open letter to Trump calling for a moratorium on 5G until the health hazards have been independently investigated. They say in that letter:

“We join with the thousands of doctors, scientists and health care providers worldwide who have recently issued appeals for urgent action on 5G to protect public health and call for a moratorium on 5G and any further wireless antenna densification until potential hazards for human health and the environment have been fully investigated by scientists independent from the wireless industry.”

Given this, you would think a council on this topic would be in charge of organizing local debates and listening to concerns about 5G/new technologies. But there is nothing like that in this bill that I was able to find. Instead the council's responsibility appears to uncritically promote these technologies- or in the bill's own words "advocate for adoption of public policies that would remove barriers to broadband infrastructure deployment" and "promote adoption of broadband deployment" along with "encourage and facilitate broadband deployment". It doesn't say anything about educating residents and state officials or making decisions that balance the health and wellbeing of the population. I find this very concerning and suspicious. Makes it seem like it's just a vehicle to expedite, promote and push through new broadband technologies regardless of if there are legitimate health concerns for the citizens of this state.

HB-2264

Submitted on: 2/3/2020 4:29:32 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joyhanna Miller	Individual	Oppose	No

Comments:

I and my family vehemently oppose HB2264. We do not approve of easing deployment of more damaging cell towers, antennas and small cell facilities that have been proven harmful to life as well as property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

We need a government that will protect the PEOPLE first. Life deserves precedence over profits. One of the best gifts in life, is health. Let's give that gift to our children, who are currently the sickest generation. Health and autoimmune issues have risen drastically over the last 30 years, as has the amount of wireless radiation that has been bombarding us and our children. Please promote safety for our kids. Demand the unbiased safety studies of wireless radiation on cells and life. Promote the advance legislation to PROTECT our families and ALL life in this great state of Hawaii.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 4:48:45 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Melody Stone	Individual	Oppose	No

Comments:

To win it may concern,

I am opposed to the passage of this bill because it opens the way for 5G to be established on our islands. The health hazards of 5G with high levels of radiation is very damaging to humans, animals and plant life. This fact is based extensive scientific research of the effects of 5G. We must be concerned for the health and well being of our communities and seek alternative ways to improve technology. Please vote no on this bill. 5G is dangerous and causes sharp increases in cancer and many other health issues.

Respectfully,

Melody Stone

HB-2264

Submitted on: 2/3/2020 4:55:56 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Vinayak	Individual	Oppose	No

Comments:

Aloha,

As a Natural Healthd PhD professional I strongly oppose this bill.

Dr. Vinayak NO 5-G in Hawaii Please.

HB-2264

Submitted on: 2/3/2020 4:57:56 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Barbara Barry	Individual	Oppose	No

Comments:

Aloha,

I strongly oppose this Bill because it includes 5G. Please hear 5G technology on it's own.

it has not been proven to be safe for biological life.

Mahalo,

Barbara Barry

HB-2264

Submitted on: 2/3/2020 5:05:44 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Anne Pierce	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 5:13:43 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dennys Eymard	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 5:40:04 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Robert B. Smith	Individual	Oppose	No

Comments:

I do not support this bill. It has been established that cell phone radiation can cause tumors.

G5 is a form of microwave radiation. As I understand it the transmitters have to be many and spaced relatively close together. So we would be constantly bombarded with this radiation.

It would be one thing if they did a 5 or 10 year study. But there have been no studies.

Isn't it insane to rush head long into this expensive infrastructure without testing, only to find it is the cause of physical harm and be subject to millions of dollars in law suits. Why not stick with fiber optic which is proven and has no ill health effects and cannot be hacked.

I am also opposed to these situations where clearly lobbyists for the corporations who benefit from the passage of these bills are the ones who create these bills and then get legislators to present them.

HB-2264

Submitted on: 2/3/2020 5:41:07 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Erin Austin	Individual	Oppose	Yes

Comments:

i strongly oppose the deployment of harmful cell towers and all that go along with them. the studies show that they are dangerous and we are not an experiment.

i am in support of fiber, it is faster than broadband and safer

HB-2264

Submitted on: 2/3/2020 6:13:35 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Steven Forman	Individual	Oppose	No

Comments:

This technology is very hazardous to human health. There is more than enough evidence to show that. It uses microwaves which is not only hazardous to human health but to all of nature around it. Please do your proper reseach! Are you willing to be responsible to the ill health effects it will cause? I do not want my tax payer dollars going to something that is so improperly reseached and dangerous.

Thank You

HB-2264

Submitted on: 2/3/2020 6:20:19 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Susanna Majano	Individual	Oppose	No

Comments:

5g is genocide and unethical. Hawaii has already suffered enough culture damage. We do not need more neurological damage.

HB-2264

Submitted on: 2/3/2020 6:46:31 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Linda Ikeda	Individual	Oppose	No

Comments:

I strongly oppose HB 2264.

What's the hurry? Have you caught the telecoms' fervor to deploy a dangerous technology before anyone can fully investigate it for serious human health and environmental hazards? After all, "It's safe."

Below is a link to the letter to President Trump dated 12/11/19 from the American Scientists, Doctors and Healthcare Practitioners. They are demanding a moratorium until thins can be looked into. They say it is NOT safe, it's anything but safe.

The general information is here: www.globalresearch.ca/dozens-us-doctors-healthcare-practitioners-send-letter-president-trump-calling-moratoriium-5g-press-release-5698191

The actual letter is at: ehtrust.org/usa-national-5g-resolution/

The scientists and doctors in the EU are also demanding a Moratorium on 5G: www.saferemr.com/2017/09/5G-moratorium12.html

A safe solution is wired fiberoptics to each premises. It's safe, secure, faster, protects property values (currently 20% decrease in property values near cell towers), protects privacy and gives each of us a Choice. See safeg.net

Please call for a moratorium until you can fully investigate. The consequences to the children are particularly saddening.

HB-2264

Submitted on: 2/3/2020 6:59:26 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Michael Shooltz	Individual	Oppose	No

Comments:

I OPPOSE HB2264

5G technology is a threat to the health, well being, and freedom of all citizens. Please educate yourself on what this technology is really about and then take a stand for yourself, your family and all of life.

The following link was created by the US Mllitary to demonstrate the use of the 5G technology against human beings. If implemented it will be like placing a loaded AK47 on every telephone pole in every community,,,,armed and ready to fire!

<https://healthfreedomidaho.org/5g-military-weapon/>

Mahalo, Michael Shooltz

HB-2264

Submitted on: 2/3/2020 7:14:48 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Konnie Fox	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 7:15:02 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Lani Orr	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 7:19:55 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
L. Osterer	Individual	Oppose	No

Comments:

My neighbors and I oppose HB2264. We do not approve of installing more harmful cell towers. It seems 5G transmitters were already installed on low wires about every 3 telephone poles along most of our streets without prior approval, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people, especially the elderly and young, who are moer vulnerable, as well as possible affects on other living organisms, The hazards of continuous exposure to pulsed, data-modulated, microwave radiation is untested on humans, but animal studies show that biological damage occurs at levels many thousands of times lower than current US radiation exposure guidelines.

Fiber optics cables can do most of what 5G would do, while it is safer, faster, more secure, protects property values and protects privacy. We don't need smart baby pacifiers, smart milk cartons, and many other smart products being brought to market with 5G. We already see the security breaches of smart (wifi) doorbells and home security systems and we don't need constant exposure to all of the public for those who want these additional items. We also don't want to lose the use of our current cell phones, which will not work with the 5G frequencies. We have paid with telcom fees and tax dollars for for many years of development of provider services which would arbitrarily be outdated and unusable if this bill or others dismiss proper controls and approvals.

Thank you for hearing from a Kauai resident and registered voter.

Lorraine Osterer, Koloa

[Oppose HB2264](#)

HB-2264

Submitted on: 2/3/2020 7:39:26 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Swami Om	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 7:40:55 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Emily Fairbank	Individual	Oppose	No

Comments:

I oppose HB2264. We do not need more harmful cell towers, antennas, and cell facilities that damage life and property values.

We need legislation that will protect lives, including those of future generations.

The best plan is fiber. Fiber is safer, faster, more secure, protects property values, and protects privacy.

Mahalo,

Emily

HB-2264

Submitted on: 2/3/2020 7:45:20 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
jeff pilson	Individual	Oppose	No

Comments:

Please don't pass this bill! 5G (broadband) is not safe for our environment or our community!

mahalo

HB-2264

Submitted on: 2/3/2020 7:51:36 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Helene Robertson	Individual	Oppose	No

Comments:

I strongly oppose 5G in Hawaii due to proven health hazards, especially to young children. 5G is stronger and requires installation more concentrated than 4G, Please keep the islands 5G free. Choose fiber optics instead. It is far safer.

HB-2264

Submitted on: 2/3/2020 7:53:57 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John Calvert	Individual	Oppose	No

Comments:

Dear Commitee Members:

I live on the Big Island and I'm writing regarding 5G technology deployment in Hawaii.

Hundreds of medical professionals and scientists around the world have voiced serious concern that 5G frequencies are hazardous to humans, pets, and wildlife and require more study [1] [2]. This includes evidence of EMFs causing cancer and other harm [3].

Please support a moratorium on 5G deployment in Hawaii.

Please do not support the big-money commercial interests of the cell phone companies and cellular infrastructure companies over the health and safety of our communities. Please protect the 'aina.

mahalo,
John Calvert

Lower Puna District, Big Island

Sources:

1. <http://www.5gappeal.eu/signatories-to-scientists-5g-appeal>
2. <https://www.5gspaceappeal.org/signatories-organizations>
3. <http://www.5gappeal.eu/the-5g-appeal>

HB-2264

Submitted on: 2/3/2020 8:02:02 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ken Stover	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 8:07:26 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Renee Dieperink	Individual	Oppose	No

Comments:

I oppose HB2264!!!!

The legislator should demand safety studies that prove there is no harm to any living thing from existing and possibly expanding wireless networks.

HB-2264

Submitted on: 2/3/2020 8:10:58 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Naomi Melamed	Individual	Oppose	No

Comments:

Aloha, As this bill is designed to remove obstacles for expanding telecom infrastructure wired and wireless (towers, antennas, 5G small cells, etc.) I stand in strong opposition. It includes advancement of tele health, which is usually code for 5G, though tele health does not in fact require 5G for its advancement. I OPPOSE 5G without proper safety testing being implemented in our community.

I oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy. We have been promised fiber to the home in Hawaii and that is what we want.

Thank you, Naomi Melamed

HB-2264

Submitted on: 2/3/2020 8:14:37 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Michael Silveria	Individual	Oppose	No

Comments:

I am sure that no one in Hawaii Government who is voting on this bill is an expert physicist or any kind of biological health expert trained in the effects of radiation hazards to human health.

So how about hearing and adhering to trained scientists (and not corporate funded research that says wireless technology MIGHT BE SAFE) to keep our health and our children safe from dangers of radio frequency technologies that interfere with cellular communication within the body. Please stop giving big corporate money a carte blanche to destroy our natural health by forcing us to be exposed to these untested and harmful technologies.

PLEASE PUT TAXPAYER MONEY TO GOOD USE AND HIRE REAL NON-CORPORATE AFFILIATED SCIENTISTS TO DO THE LONG TERM RESEARCH TO 100% KNOW IF THIS IS SAFE FOR HUMAN HEALTH TO BE EXPOSED TO AT ALL TIMES.

SOME OF US LIVE IN REMOTE HAWAII TO GET AWAY FROM THESE HARMFUL MODERN TECHNOLOGIES AND WE DO NOT WANT CELL TOWERS NEAR OUR LIVING PLACES. DO NOT USE PUBLIC MONEY TO GRANT CORPORATIONS THE ABILITY TO RADIATE US HERE ON HAWAII.

From the website - <https://ehtrust.org/scientific-research-on-5g-and-health/>

Published Scientific Research on 5G, Small Cells Wireless and Health

Published peer reviewed science already indicates that the current wireless technologies of 2G, 3G and 4G – in use today with our cell phones, computers and wearable tech – creates (create) radiofrequency exposures which poses (pose) a serious health risk to humans, animals and the environment. Scientists are cautioning that before rolling out 5G, research on human health effects urgently needs to be done first to ensure the public and environment are protected,

Companies state that [4G](#) and [5G](#) antennas will [increase](#) the wireless radiation levels in the area so much that they are working to loosen several governments' radiation limits in order to roll it out. More than 240 scientists [published](#) an appeal to the United Nations

to reduce public exposure and called for a [moratorium on 5G](#) citing “established” adverse biological effects of RF radiation.

HB-2264

Submitted on: 2/3/2020 8:23:50 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Anne Allison	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

[Oppose HB2264](#)

HB-2264

Submitted on: 2/3/2020 8:24:36 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Manon Pretre	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values. we do not want any 5G on Maui.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 8:26:57 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
David Gappell	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 8:31:09 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Judy O'Donnell	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 8:36:56 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Art	Individual	Oppose	No

Comments:

Simply, it has already been documented by thousands of studies that the current cell phone towers cause cancer and many health hazards and to top that off with even more deadly microwave 5G cell antennaes everywhere we turn, extremely close to every home, business, schoolground, hospital, every workplace etc is horendous, literally 24/7 to be even considered in addition to and ON TOP OF ALREADY documented cancerous cell tower structures already in place is UNACCEPTABLE. Fiber tech is extremely fast and safe as an excellent alternative to more microwaves of which 5G is.

HB-2264

Submitted on: 2/3/2020 8:56:20 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Joanna Weber	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 9:09:54 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jason Schwartz	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

Thank you

HB-2264

Submitted on: 2/3/2020 9:10:36 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
yoav	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 9:17:41 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
David Monasevitch	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 10:13:43 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Pete Woodring	Individual	Oppose	No

Comments:

We oppose HB2264, because we do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values. We need legislation that will protect people of all ages, and all living organisms from the hazards of continuous exposure to pulsed, data-modulated, microwaved radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure and protects property values and privacy.

HB-2264

Submitted on: 2/3/2020 10:15:12 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Merrina Suzuki	Individual	Oppose	No

Comments:

We oppose HB2596. We do not approve of our taxpayer money being used to fund more harmful cell towers and antennas. Wireless radiation is a known health hazard.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 10:19:41 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Barbara G Garcia	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines. The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/3/2020 10:35:10 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Adria Marin	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/3/2020 11:12:10 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Brigitte Otto	Individual	Oppose	No

Comments:

I strongly oppose HB2264. Passage of this bill would give the Governor and his office too much power - making him almost a dictator.

It's a known fact that wireless radiation is a serious health hazard and has a negative impact on everybody's health. While most people don't feel the effects or don't know what causes their symptoms, there are those who have this awareness. I'm one of them. I'm electro-sensitive. 4G antennae on a neighbor building's roof have been causing me pain for quite some time, which worsened when they were recently replaced by (obviously) worse ones.

I have never heard anybody complain about a lack of connectivity. There was no need for this "upgrade." There had never been a need for any cell-phone antennae on that roof. The so-called increased demand is fabricated by the telecom industry. Customers were able to use their smartphones before the emergence of the antennae that are now torturing me.

I don't consider the installation of the antennae a service but an assault and a violation of Article 3 of the Universal Declaration of Human Rights. I have never consented to being irradiated.

I could certainly not benefit from telehealth if it required me to use wireless technology. Holding a cell phone against my ear would feel as if my ear were pinched. I use neither a cell phone nor a cordless phone but have an old-fashioned corded phone and a desktop computer connected via ethernet. You might conclude my experiences don't apply to an average person. I'm sensitive. However, as mentioned above, exposure to wireless radiation negatively effects everybody's health whether or not they feel it. If a patient's immune system is already weakened, 5G telehealth would certainly not help them recover but likely further jeopardize their health. Please see link below to learn under which circumstances ambulance workers in the UK died within a short period of time. I certainly hope I will never be transported in a "smart" ambulance and wouldn't want that to happen to anyone else either.

Small cells and other cell-phone antennae targeting hospitals are an extremely bad idea. So are antennae targeting schools or residential buildings, especially if they are

powerful and/or emit higher frequencies. Nobody wants to get sick. Not even higher download speeds would justify that risk.

The way it looks to me, the telecom industry will eventually meet the same fate as the tobacco industry because the harm caused by wireless radiation will become evident to the masses. It's only a question of time. In the end, truth always prevails. My fear is that many might get sick and die before (please see link below), possibly without knowing the cause. Please help prevent this from happening by stopping this bill now.

Broadband antennae emitting higher frequencies (5G) would render matters considerably worse. This technology would pose an especially high risk to children and species that are more sensitive than humans. The population of pollinators has already decreased. We don't want to lose them completely.

Please consider fiber to the premises instead. It is even faster and, above all, much safer and more secure. It protects property values and privacy, both of which cell-phone antennae, especially powerful ones and those emitting higher frequencies, jeopardize. I would not want to buy or move into a home with a cell-phone antenna, especially not with a broadband antenna emitting higher frequencies, nearby. Nor would many others.

<https://bioinitiative.org>

<https://scientists4wiredtech.com/sebastopol/#death>

<https://mdsafetech.org/featured-page-one/join-mdsafetech-org/>

https://www.emfacts.com/2019/07/swiss-magazine-reports-first-5g-injuries-in-geneva/?fbclid=IwAR1uB0eCn3H6vSXfzTAcM653YmLRiz8oTgAyIOR9dH25bcZThNvTLuq_FCg

<https://www.takebackyourpower.net/are-5g-smart-ambulances-linked-to-multiple-deaths-uk-ambulance-workers/?fbclid=IwAR1TtGZLCPcHxQ1eKKIBWqYZabmeceABMC7J2zAhmJ7kVtRuw1Ye78Jp0fQ>

HB-2264

Submitted on: 2/4/2020 12:13:01 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Daniel Kanahele	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/4/2020 3:14:43 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Renee Levis	Individual	Oppose	No

Comments:

5G is dangerous for human health, enough people have cancer and other conditions caused by 5G radiation.

HB-2264

Submitted on: 2/4/2020 3:18:12 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
joan Levy	Individual	Oppose	No

Comments:

There is ample evidence that 5G technology HAS NOT BEEN PROVEN TO BE SAFE! Whole countries have refused this technology because of safety concerns. Proper EIS have not been performed. We cannot give this technology the green light before we really know what we are getting ourselves into.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines. This bill removes the little protections we have.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

I DO NOT WANT 5G technology here in my environment. Our elected officials, YOU, are there to safeguard us. Please do your job and oppose this bill.

Thank you!

Joan Levy, Kapaa Resident, Kauai for 26 years

HB-2264

Submitted on: 2/4/2020 3:48:42 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Charlotte OBrien	Individual	Oppose	No

Comments:

Dear Legislators,

I do not oppose creating a director to oversee on the behalf of the govenor all activities pertaining to the expansion of internet services AS LONG as that director is not predisposed to the use of 5G technology. Whoever the director is must be open minded to the potential harm that could be caused by 5G technology. He or she must look into buried fiber optics that minimize exposure to potentially harmful radiation.

Many communities in Europe are opposing this new technology until it is proven safe. Hawaii is in a perfect position to be a 5G free area - making it even more attractive to visitors who do not need self driving cars, etc.

Charlotte O'Brien

Maui

HB-2264

Submitted on: 2/4/2020 7:44:39 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Dr Kimberly Turnbull, DC	Individual	Oppose	No

Comments:

Dear legislators,

There is a general international scientific consensus that 5G is likely to cause harm to living organisms and systems. 5G research is extremely limited and industry is basing it's hypothetical safety assurances on outdated and irrelevant data. I implore you to apply the cautionary principle and reject this technology until meaningful and adequate safety studies are undertaken. Malama the Aina.

Aloha

HB-2264

Submitted on: 2/4/2020 7:58:05 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Carrie Nicol	Individual	Oppose	No

Comments:

HB-2264

Submitted on: 2/4/2020 8:16:43 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Carmela Tafoya	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

HB-2264

Submitted on: 2/4/2020 8:21:40 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
David Contreras	Individual	Oppose	No

Comments:

I am opposed to 5G technology. The frequencies effect human health and wellbeing.

I don't give my consent to any act, bill or resolution that supports various aspects of 5G Technology as part of Broadband deployments throughout the State of Hawaii.

I strongly oppose this bill and any legislator who adopts this legislation prior to conducting a thorough peer reviewed health and environmental study via the State Dept. of Health regarding the impact of 5G & related technologies on the health of Hawaii's citizens and all biological life on land, air and sea!

LATE

HB-2264

Submitted on: 2/4/2020 9:10:58 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Paul Stanley	Individual	Oppose	No

Comments:

I OPPOSE THE BILL FOR 5G BROADBAND DEVELOPEMENT.

The best plan is fiber optic cable to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

I have been a Hawaii public school teacher since 1989 and a school technologist since 1992.

Since 2001 I have been suffering from an illness that the World Health Organization (WHO) calls Electromagnetic Hypersensitivity (EHS). This was caused by over exposure to microwaves (cell phone repeaters on the roof of my working place and wi-fi).

My symptoms include: a burning sensation in my head that continues and increases until I can move away from the source, a terrible sensation of pain through out the body, muscle spasms, irritability, insomnia, confusion, inability to concentrate and others. This all translates to stress on the body which can lead to a whole host of other ailments.

Radio waves are the ultimate pollutant. You can't see, hear, smell them, but contrary to what the "experts" say your body is stressed by them. Unfortunately for me, over exposure has left me with Electromagnetic Hypersensitivity (EHS).

The truth is that the FCC "safety" standards are obsolete and the evidence is that myself and others got sick.

There are many others in Hawaii that are suffering from this debilitating condition.

I've had EHS since 2004. I lost my dream job in educational television that I worked so hard to get. This job that I loved exposed me to microwave signals daily for six years until my body broke down and I had to quit. The many cell phone antennas and microwave transmission dishes on the roof above my office pushed me beyond my body's limits.

This was just the beginning of a very long, living nightmare. The damage had been done. I could not even sleep in my own home because of my neighbors' wi-fi signals coming into my home. After twelve years, I still am injured by Electro Magnetic Radiation (EMR).

I lost my job, had to sell my home and I've spent more than \$60,000.00 seeking treatment to heal this affliction. I've spent my life savings and have no money for my children's college education.

If 5G networks are implemented, my life will be even more impossible with antennas everywhere. I ask that it will be stopped until further investigation as to the harms that it creates.

Thank you,

Paul Stanley, M.Ed. (Educational Technology)

PO Box 894821

Mililani, HI 96789

LATE

HB-2264

Submitted on: 2/4/2020 9:47:52 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
June Haygood	Individual	Oppose	No

Comments:

LATE

HB-2264

Submitted on: 2/4/2020 10:55:51 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Steve Bruhjell	Individual	Oppose	No

Comments:

Thank you all legislators for hearing this testimony.

To begin with, I very strongly oppose HB2264. Why? Because science research shows the potential for this technology to be extremely toxic to all forms of life in the area of it's influence. Much more so even than the present 4G which is already way higher than legally allowable limits and is causing mutation of DNA in turn causing cancers in human and animal body systems. In Hawaii the % of people getting cancer now is upwards of 50%. 5G has the potential to be much worse.

5G can be truly be considered as military grade technology and what if Dr. Strangelove gets his hands on the dials? There are much safer and better ways to conduct communications.

Also, the way this bill was introduced could be considered as stealthy indeed, where there was no public discussion, no or very little news to inform us no time for most of the public to be aware of it even to prepare a testimony. Such a contentious subject should require proper time allowed for scrutiny. The probability of great harm to our health must be taken into consideration as the #1 concern. This political chicanery is a transgression of trust of we the people.

PLease stop this bill in it's tracks for the sake of all life in this wonderful state of Hawaii.
Mahalo

Respectfully submitted, S Bruhjell

LATE

HB-2264

Submitted on: 2/4/2020 11:08:24 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Julia Contreras	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

LATE

HB-2264

Submitted on: 2/4/2020 11:46:41 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Eric Day	Individual	Oppose	No

Comments:

Aloha,

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

Thank You,

Eric Day

Kihei, HI

DAVID Y. IGE
GOVERNOR



CRAIG K. HIRAI
DIRECTOR

ROBERT YU
DEPUTY DIRECTOR

EMPLOYEES' RETIREMENT SYSTEM
HAWAII EMPLOYER-UNION HEALTH BENEFITS TRUST FUND
OFFICE OF THE PUBLIC DEFENDER

STATE OF HAWAII
DEPARTMENT OF BUDGET AND FINANCE
P.O. BOX 150
HONOLULU, HAWAII 96810-0150

ADMINISTRATIVE AND RESEARCH OFFICE
BUDGET, PROGRAM PLANNING AND
MANAGEMENT DIVISION
FINANCIAL ADMINISTRATION DIVISION
OFFICE OF FEDERAL AWARDS MANAGEMENT (OFAM)

WRITTEN ONLY
TESTIMONY BY CRAIG K. HIRAI
DIRECTOR, DEPARTMENT OF BUDGET AND FINANCE
TO THE HOUSE COMMITTEES ON ECONOMIC DEVELOPMENT & BUSINESS
AND INTRASTATE COMMERCE
ON
HOUSE BILL NO. 2264

February 5, 2020
9:00 a.m.
Room 309

LATE

RELATING TO BROADBAND DEVELOPMENT

The Department of Budget and Finance offers comments on creation of the Hawai'i Broadband Advisory Council Special Fund (HBACSF).

House Bill (H.B.) No. 2264 establishes the Hawai'i Broadband Advisory Council and the HBACSF within the Office of the Governor to support the Executive Office on Broadband Development. HBACSF would generate revenues through legislative appropriations, grants and gifts, any income and interest earnings, and any moneys directed to HBACSF from other sources. H.B. No. 2264 also appropriates an unspecified sum of general funds for FY 21 for deposit into the special fund.

As a matter of general policy, the department does not support the creation of any special fund which does not meet the requirements of Section 37-52.3, HRS. Special funds should: 1) serve a need as demonstrated by the purpose, scope of work and an explanation why the program cannot be implemented successfully under the general fund appropriation process; 2) reflect a clear nexus between the benefits sought

and charges made upon the users or beneficiaries or a clear link between the program and the sources of revenue; 3) provide an appropriate means of financing for the program or activity; and 4) demonstrate the capacity to be financially self-sustaining.

Regarding H.B. No. 2264, it is difficult to determine whether the proposed special fund fulfills all these requirements.

Thank you for your consideration of our comments.

LATE

HB-2264

Submitted on: 2/4/2020 12:18:11 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Aline Huntly	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that are dangerous to living organisms, especially our precious keiki.

I am one of the growing number of people who experience unpleasant symptoms from radio frequency exposure, but many studies have shown that everyone is affected on a cellular level by 'electrosmog' and the long-term affects should be a serious concern. Many people already experience headaches, feelings of stress, lowered immunity and sleep disturbance from the current RF levels in their homes and work places and studies have shown a connection between high levels of RF exposure and neurological/neuropsychiatric effects such as insomnia, depression, anxiety, headaches, memory loss and confusion. Other effects include supressed immune response, hormonal disturbance, and cellular damage that can eventually lead to irreversible long-term health effects such as cancer. There are literally thousands of studies conducted by University research labs all over the world showing that wireless radiation does impact the human body in many ways but it seems that the 'studies' financed by the cellular industry (which obviously has a massive bias) have been drowning the unbiased studies, in the US at least. Many other countries take the research much more seriously, recognizing the non-thermal biological effects and taking measures to protect their citizens (and especially their keiki) by setting RF exposure limits to way less than the US does.

I love having access to the internet and totally support access for all throughout the islands...but not at this cost. 5G has barely been tested at and it is quite possibly even more harmful than 4G.

LATE

HB-2264

Submitted on: 2/4/2020 1:19:10 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sheila Gage	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values. We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

LATE

HB-2264

Submitted on: 2/4/2020 1:33:07 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Ashley Correa	Individual	Oppose	No

Comments:

LATE

HB-2264

Submitted on: 2/4/2020 1:51:20 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
lelanya watson	Individual	Oppose	No

Comments:

SHENANIGANS with URGENT 5G legislation. Act NOW.

Earlier today I posted about opposing HB2596. Now the committee voted to schedule a hearing for another 5G bill without the required 48 hours notice!

With a vote they are allowed to do that, but it is frowned upon as it doesn't give us much time to testify.

Nice try, I say! We won't be stopped that easily!

Please take action on the two bills below!

5G has a bad rap so they are now re-defining "Broadband" to include wireless and 5G! We must be doing something right! :)

You do not have to write long testimony! (Can if you want.) Just click the links below and check OPPOSE.

Log-in or register FIRST at www.capitol.hawaii.gov BEFORE clicking the links below.

Hearing is scheduled for Wednesday, February 5 at 9am for both bills. Please submit NOW!

IN STRONG OPPOSITION TO:

HB2264 - A Bill for Broadband (5G) Development - OPPOSE

This bill is designed to remove obstacles for expanding telecom infrastructure wired and wireless (towers, antennas, 5G small cells, etc.). It includes advancement of tele health, which is usually code for 5G. OPPOSE

Sample testimony:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

Oppose HB2264:

https://www.capitol.hawaii.gov/measure_indiv.aspx?billtype=HB&billnumber=2264&year=2020

IN STRONG OPPOSITION TO:

HB2596 - A Bill for Broadband (5G) Service Infrastructure - OPPOSE

This bill is designed to use your tax dollars to fund grants to private telecom companies to bring wireless technology to rural and sparsely populated areas. It potentially means 5G everywhere. No safe haven. OPPOSE

Sample testimony:

We oppose HB2596. We do not approve of our taxpayer money being used to fund more harmful cell towers and antennas. Wireless radiation is a known health hazard.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

Oppose HB2596

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Sample testimony:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

Oppose HB2264:

https://www.capitol.hawaii.gov/measure_indiv.aspx?billtype=HB&billnumber=2264&year=2020

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Sample testimony:

We oppose HB2596. We do not approve of our taxpayer money being used to fund more harmful cell towers and antennas. Wireless radiation is a known health hazard.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

I Oppose HB2596

LATE

HB-2264

Submitted on: 2/4/2020 2:09:27 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Pamela	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

LATE

HB-2264

Submitted on: 2/4/2020 2:25:07 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
dawn tiffe	Individual	Oppose	No

Comments:

LATE

HB-2264

Submitted on: 2/4/2020 2:41:42 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Meloney Thill	Individual	Oppose	No

Comments:

We very strongly appose HB2264. We need to protect the people and children that live in Hawaii. We need our legislators to protect us from more harmful cell towers and antennas. The radiation exposure is too much. Where will this end. We have no way to get away from it. We should have a choice if we want to expose ourselves to this. Cancer in the US is at an all time high and keeps rising. More children has cancer these days than ever before. Something has to give and we cannot keep pushing the envelope. Please, please no more.

10 years ago I knew no children with cancer. Today I personally know 4 very young children with cancer. Those are 4 children in my life, not to mention all the kids you hear about from your friends. Please think about this. I bet each person reading this knows a child with cancer today. If not then you know of a child with cancer. We do not need more radiation.

LATE

HB-2264

Submitted on: 2/4/2020 2:56:46 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Brian Hurst	Individual	Oppose	No

Comments:

Development of broadband wireless in this particular manner is a great danger to the people of the islands. Scientific assessment has already been made by experts who declare the foolishness and inadvisability of turning on the 5G wireless system. Remember: Greed equals disaster. Nothing corrupts faster. Lawyers involved in these hearings are not qualified to okay this technology. They are paid by the big wireless companies who need to listen to the public and the scientists who have given serious warnings about the consequences. The sheer idiocy of this whole scheme is beyond belief. The islands deserve better than this. Stop these towers and their sickening radiation. All over the world people are rising up and saying WE DON'T WANT 5G in our town or city. Don't aid and abet an immoral and clearly criminal development against the well-being of the people of the islands and indeed of the whole planet. LISTEN and LEARN.

LATE

HB-2264

Submitted on: 2/4/2020 4:23:47 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Debra	KeepYourPower.org	Oppose	No

Comments:

Honorable Chair and Committee members,

We appreciate the opportunity to testify, however, we do not appreciate that this bill was approved for a hearing without the customary 48 hours notice.

We oppose HB2264 as we need **protection** from harmful wireless radiation infrastructure. We ask you to **uphold the NEPA ruling** that took effect December 9, 2019, and **requires small cell facility permit requests to undergo environmental review.**

We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

Instead, we need we need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy. www.SafeG.net

Thank you.

Debra Greene, PhD
on behalf of KeepYourPower.org

LATE

HB-2264

Submitted on: 2/4/2020 4:31:20 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Deborah Davis	Individual	Oppose	No

Comments:

Aloha!

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

Thank you for your time and serious consideration!

LATE

HB-2264

Submitted on: 2/4/2020 5:22:33 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Randyl Rugar	Sanctuary of Mana Ke`a Gardens	Oppose	No

Comments:

Keep Hawai`i 5G Free

LATE

HB-2264

Submitted on: 2/4/2020 5:27:01 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Tatyana Cerullo	Individual	Oppose	No

Comments:

Dear committee members,

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

Tatyana Cerullo

Honolulu, HI

LATE

HB-2264

Submitted on: 2/4/2020 5:42:28 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
J Riverstone	Individual	Oppose	Yes

Comments:

Aloha Representatives

I am strongly opposed to this bill. It appears to be based on the assumptions that increasing the quantity of wireless communications equipment in our communities is a good and desirable thing, and that any barriers to this development should be removed.

Despite poor government regulation, and regulatory capture by the wireless communications industry, there is ample evidence that electromagnetic pollution is real and is harmful to humans. There is also good reason for concern that 5th generation wireless technology poses an unprecedented risk to both human health and other forms of life.

Instead of forming an Executive Office to accelerate new forms of wireless communication development, a special commission (or Executive Office, etc) should be formed that is comprised of biologists, other scientists, and public health officials to research and prevent further electromagnetic pollution in Hawai'i. Instead of rushing to jump on Big Telecom's bandwagon, the brakes should be applied until the implications of this technology are better understood and informed consideration can be made.

I also do not support the funding mechanism for the Executive Office. Private individuals and corporations should not be able to contribute to the funding for an office that is needed to regulate Telecom's activities. That appears to be a blatant blurring of the line between corporations and government, a phenomenon that is undermining the democratic process and underlies so many of our social and environmental problems.

Approving this bill and the unrestrained development that it would promote would be negligent to the welfare of current and future generations.

Sincerely

Gerald (Jerry) Riverstone

LATE

HB-2264

Submitted on: 2/4/2020 8:34:36 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Mary Soliel	Individual	Oppose	No

Comments:

I VEHEMENTLY Oppose Bill HB2264 for the sake of Your children, and ALL Children especially, but also for all people and all of life. PLEASE read the attached 11 pages of links to understand why more wireless radiation and especially the 5G rollout is a grave mistake for Hawaii and the world. We simply must stop this untested rollout with so much proof of it's grave dangers. I have been studying this for months and this document will give you an idea how serious the decision that lies in your hands is! If the two bills pass, I will be leaving Hawaii. Mahalo.

LATE

HB-2264

Submitted on: 2/4/2020 8:37:48 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jessica Mitchell	Individual	Oppose	No

Comments:

Strongly oppose. There needs to be more research to prove its safety.

LATE

HB-2264

Submitted on: 2/4/2020 8:52:46 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Jaroslava Sibia	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

LATE

HB-2264

Submitted on: 2/4/2020 8:59:53 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John Nagle	Individual	Oppose	No

Comments:

I strongly oppose this bill. Fiber is safer.

LATE

HB-2264

Submitted on: 2/4/2020 9:09:39 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Nykki Hardin	Individual	Oppose	No

Comments:

I oppose HB2264. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people and all living organisms from the hazards of continuous exposure to microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy. Hawaii would be wise to be a trendsetter in this field and create regulation based on fiber optic cable to save the people and the planet. With so much respect for the land, 5G and EMF is ludicrous.

LATE

HB-2264

Submitted on: 2/4/2020 9:13:35 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Sunniva Maguire	Individual	Oppose	No

Comments:

Honorable Chair and Committee Members, Please oppose SB2527.

I personally get very strong 3-4 day in duration migraines if I am around wireless radiation. I have a RF frequency measuring device and when it is under a certain level I am fine, however I can only frequent about 5% of the areas I used to enjoy. After thousands of painful headaches one learns. I would like if I may to draw your attention to what Dr. Sharon Goldberg, researchers and medical papers that are not on the telecom industry's payroll have to say.

Dr. Sharon Goldberg is an Integrative Internal Medicine Physician. Her background includes fifteen years as an academic Hospital Medicine physician and medical educator responsible for the training of medical students and resident physicians. She was Assistant Professor at New York City's Mount Sinai Hospital; Albert Einstein College of Medicine and at the University of Miami Miller School of Medicine. She is board certified in Internal Medicine and Integrative Medicine. Dr. Goldberg has clinical expertise treating environmental illness, including Microwave Syndrome (Electro-Sensitivity).

"Wireless radiation has biological effects. Period. This is no longer a subject for debate when you look at PubMed and the peer-review literature. These effects are seen in all life forms; plants, animals, insects, microbes. In humans, we have clear evidence of cancer now: there is no question We have evidence of DNA damage, cardiomyopathy, which is the precursor of congestive heart failure, neuropsychiatric effects...5G is an untested application of a technology that we know is harmful; we know it from the science. In academics, this is called human subjects research." – Goldberg

Mahalo for your time, here is her full testimony :

Video: [https://www.youtube.com/watch?v=CK0AliMe-](https://www.youtube.com/watch?v=CK0AliMe-KA&fbclid=IwAR3gq3BL3fl8u3IF7hh3eEtFZ4nwRNmvZZSp6DIwX-3gRD2cpCmOk0ALBp4)

[KA&fbclid=IwAR3gq3BL3fl8u3IF7hh3eEtFZ4nwRNmvZZSp6DIwX-3gRD2cpCmOk0ALBp4](https://www.youtube.com/watch?v=CK0AliMe-KA&fbclid=IwAR3gq3BL3fl8u3IF7hh3eEtFZ4nwRNmvZZSp6DIwX-3gRD2cpCmOk0ALBp4)

In writing: The Dangers of 5G Wireless Technology Wireless radiation has biological effects. Period. This is no longer a subject for debate. When you look at Pub Med and the peer-reviewed literature and these effects are seen in all lifeforms, plants, animals, insects, microbes. In humans we have clear evidence of cancer. There is no question. We have evidence of DNA damage, cardiomyopathy, which is the precursor of

congestive heart failure, neuropsychiatric effects. So 5G is not a conversation about whether or not these biological effects exist. They clearly do. 5G is a conversation about unsustainable healthcare expenditures. EMF Radiation and Diabetes Why do I say this? We've been sitting on the evidence for EMR and chronic disease for decades. And now we're seeing all these epidemics appearing. So diabetes is the first epidemic. I think most of you know the statistics, they're very scary. 1 in 3 American children will become diabetic in their lifetime and if they're Hispanic females, the number is 1 in 2. So what does this have to do with wireless radiation? Wireless radiation and other electromagnetic fields, such as magnetic fields and dirty electricity, have been clearly associated with elevated blood sugar and diabetes. That is what the Peer-Reviewed Literature says. It is not opinion. The closer you live to a cell tower, the Higher your Blood Glucose. That is based on hemoglobin A1C measurements. So the idea with small cells of putting the cells closer to people's homes and bedrooms scientifically is very dangerous. And from an economic perspective, it's dangerous. And you may not know this, I was shocked to find this out, but the way you create a model of diabetes in rats in the lab is by exposing them to 2.4 GHz. And this is not for long term exposure. I don't have time to talk about the costs, but the huge problem with diabetes really is chronic kidney disease. End stage renal disease – the worst complication of diabetes – leads to hemodialysis. Hemodialysis is an automatic qualification for Medicare and if you don't qualify for Medicare, we still have to dialyze the patient, and the state ends up paying in many different instances. So renal failure is 1% of Medicare, but it takes up 7% of all Medicare expenditures. I don't have time to talk about this anymore, but once again the other epidemics that clearly link from the science with electromagnetic radiation are related to mental health. Scientific, Peer-Reviews Research on the Dangers of EMF And this is straight from PubMed (our national library of medicine, where you would go for peer-reviewed literature) and this isn't my opinion, this is science. So we have three epidemics that clearly they're essentially one epidemic. We have deterioration of mental health in the United States. And if you look really at the science, what does it show? And these epidemics are suicide epidemic, epidemics in violent crime, so shootings, and the opioid epidemic. This is in the peer-reviewed literature. These are facts. These are things that have just been glossed over by the wireless industry. We need to examine our epidemics in the context of our EMF exposures. What does that mean? That means that the CDC should be tracking these epidemics. The CDC needs to start measuring how much radiation people are being exposed to before we roll out 5G. There are four kinds of electromagnetic fields that we know are harmful to human health. Radio frequency radiation, magnetic fields, dirty electricity, and electric fields. Our exposure, any given person, and all humans are affected by EMFs, are given exposure, has nothing to do with the research that my colleagues are going to site with the national toxicology program. That is an assessment of the risk of one cell phone in the near field. What is our exposure in a day? It's not one cell phone, it's cell phones, it's multiple wireless networks. It's smart meters, it's cell towers, it's this sandwich and it all adds up. And this is a serious problem for occupational health, public safety and personal safety. And I feel that it's irresponsible to be even talking about the Internet of Things (IoT) and rolling out a new, untested technology, when we're not even measuring what are our current exposures from the current networks. I got interested in electromagnetic fields after my administrator at the

University of Miami gave me a new iPhone. I used it for 20 minutes on speaker and my, my finger was burning at the end of the call. That was years ago. I started reading about the science and connecting with other scientists and really my expertise, I've taken care of a lot of patients with chronic disease. So when I talk about diabetes and for instance heart failure, that the national toxicology program shows clear evidence of cardiomyopathy in that study. In other words, that's a precursor to congestive heart failure. This is from the United States renal data system, healthcare expenditures for persons with chronic kidney disease: "Over half of the 2015 Medicare spending for beneficiary is age 65 and older was for those who had diagnoses of CKD, diabetes Mellitus or heart failure. All three of these conditions. When you look as an independent scientist (not someone who's funded by wireless) all of those three conditions are linked." So diabetes and heart failure are linked with EMF exposures there. It's very clear. American Cancer Society and Harmful EMFs What are we to make of the American Cancer Society (ACS) telling us there's no evidence of a harmful product? Well, at this point there's a national and international 5G appeal that thousands of people have signed. The point is, many of these organizations have conflicts of interest. I don't know who's on their board who made these decisions. I've been reading this literature for years and really I got interested in it because I've spent my career taking care of so many patients who are sick in the hospital. And when I found out about the links, I was just shocked. I couldn't believe it. So I've read these articles myself and the experts who don't work for telecom and who are in their independent research, everyone comes to the same conclusion. We're not in a place where we should be debating this anymore. This is exactly what happened with tobacco. It's the exact same thing. And really right now the only people protecting the only people who are able to protect Americans are our legislators, because we don't have any relevant, regulatory guidelines to protect human health. The FCC guidelines were developed for short term exposures, 6 minutes, 30 minutes depending on a phone or outdoor exposure and they have absolutely no connection to the biological effects that have been very clearly summarized in the bio initiative. That's a huge document generated all of the summaries are there. There are very concise summaries and abstracts documenting everything that I'm saying. In academic medicine we have a name for what's happening now with 5G. This is called an untested application of a technology that we know is harmful. We know it from the science. In academics, this is called human subjects research. Human subjects research is very tightly regulated. You can't just roll out some type of a research project on human beings unless A) you have their informed consent, so they understand the risks and benefits, and B) you have the approval. Like someone is actually examining the literature inside and saying, "This research project, we believe that it's safe. There's no evidence in the science to indicate that it would not be safe." We have decades of evidence to show that it is not safe. The Importance of Evidence-Based Medicine One of the things that I taught in medical school is evidence based medicine; teaching medical students and residents how to critically evaluate the literature, the science. And one of the first things that you teach residents is that you always have to look at the funding. You can read about it. Marsha Angle, the editor of the New England Journal just wrote a great op ed in the New York Times about researchers who are funded by private industry. The results of their research are much more likely to support whatever it is that is being funded. Some people are asking,

“What is the amount of EMFs that an individual could be exposed to if these small cells are installed, and what is the prediction of how much EMFs the human body would experience?” The answer is that no one’s measuring, and that is the problem. Your exposure will depend on what you do in a given day. So if one cell phone causes cancer, clear evidence of cancer, DNA damage, heart damage, well what happens if you work at an airport? What happens if you work in a stadium where there are 100,000 people coming to watch a football game and everyone’s using their phone at the same time? The problem is that we have a very, very systematic, clear, empirical way to measure these exposures. And it’s a discipline called building biology. There are certain situations relevant to public safety where we really do need to be measuring with firefighters, with airline pilots. Because when you activate microwave radiation inside an enclosed metal space, you get amplification, you have increased power density. So think about an airplane, everyone’s with their devices. Every device is emitting radiation and the access point is right next to the cockpit usually. So what does this do to pilots? What does this do to firefighters? We already have a submission to the FCC from Susan Foster about firefighters that were unable to function in the line of duty. This is from 2013, after exposure to a cell tower that was put up near their station and they also have two way communication devices that they wear. So we have to measure these exposures. That is the start. And not go ahead and roll out a whole bunch of Internet of Things with more like more devices that we’re not even measuring what we’re exposed to now. Toxicology and Health Effects Of Electromagnetism Paul Heroux is Professor of Toxicology, Electromagnetism and Health at McGill University. Dr. Heroux Directs the McGill Occupational Health Program. He is a toxicologist who holds a PhD in Physics and began his career working for industry studying health effects of electromagnetic fields and radiation. Professor Heroux currently teaches toxicology and is considered an expert in the field of electro biology, having authored several textbooks. He has extensive teaching and research experience with the biological effects of electromagnetic radiation. “I want to tackle the subject of insurance. You know that neither Lloyd’s of London, nor Swiss Re will underwrite liability policies for electromagnetic radiation because they think the health risk is too great. In other words, they believe that when the lawyers get involved, and I know many of them, the companies who deliver this radiation to the public could be wiped-out... The environment has to be cleaned-up of electromagnetic radiation progressively, not augmented in radiation. Electromagnetic radiation has repeatedly been linked with cancer in animals...”

I could include so many more credible statements but please do not roll out more wireless infrastructure when wired options have no ill health effects.

Mahalo,

Sunniva Maguire

LATE

HB-2264

Submitted on: 2/4/2020 9:33:24 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
kaitlyn russell	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

LATE

HB-2264

Submitted on: 2/4/2020 10:19:19 PM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
alice Tobin	Individual	Oppose	No

Comments:

5G is not the same as Broadband. I oppose HB2264. We do not approve of our taxpayer money being used to fund more harmful cell towers and antennas. Wireless radiation is a known health hazard.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

LATE

HB-2264

Submitted on: 2/5/2020 12:15:49 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
John Ragan	Individual	Oppose	No

Comments:

I strongly **OPPOSE HB2264**. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

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Brussels, an entire country, has banned 5G. This is what leaders that care about citizens do:

"I cannot welcome such technology if the radiation standards, which must protect the citizen, are not respected, 5G or not," Environment minister Céline Fremault (CDH) .

"The people of Brussels are not guinea pigs whose health I can sell at a profit. We cannot leave anything to doubt," she added.

LATE

HB-2264

Submitted on: 2/5/2020 12:16:15 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
L. Ragan	Individual	Oppose	Yes

Comments:

I strongly **OPPOSE HB2264**. I do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.

Brussels, an entire country, has banned 5G. This is what leaders that care about citizens do:

"I cannot welcome such technology if the radiation standards, which must protect the citizen, are not respected, 5G or not," Environment minister Céline Fremault (CDH) . **"The people of Brussels are not guinea pigs whose health I can sell at a profit. We cannot leave anything to doubt,"** she added.

LATE

HB-2264

Submitted on: 2/5/2020 8:19:43 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Amber Laplante	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage..

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LATE

HB-2264

Submitted on: 2/5/2020 8:42:11 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Abe Vandenberg	Individual	Oppose	No

Comments:

Please encourage and do you own due diligence to protect our environment and our health

There are many documented negative effects from EMR in the scientific literature as well as anecdotal evidence from around the world. This includes both to wildlife and to human beings.

We should not be test subjects and these projects/expansions of unproven technologies are dangerous.

This is a complex issue and there is a lot of research to be done.

There are already document effects on wildlife:

<https://ecfsapi.fcc.gov/file/7521097894.pdf> - "BEES, BIRDS AND MANKIND Destroying Nature by 'Electrosmog'

Ulrich Warnke - FCC"

5G will substantially increase exposure to radiofrequency electromagnetic fields (RF-EMF) on top of the 2G, 3G, 4G, Wi-Fi, etc. for telecommunications already in place. RF-EMF has been proven to be harmful for humans and the environment.

<https://www.5gappeal.eu/scientists-and-doctors-warn-of-potential-serious-health-effects-of-5g/> - Scientists and doctors warn of potential serious health effects of 5G - [5Gappeal.eu](https://www.5gappeal.eu)

LATE

HB-2264

Submitted on: 2/5/2020 8:48:35 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Brigitte Bieheller	Individual	Oppose	No

Comments:

LATE

HB-2264

Submitted on: 2/5/2020 9:30:22 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Reina Dawn	Individual	Oppose	No

Comments:

We oppose HB2264. We do not approve of streamlining deployment of more harmful cell towers, antennas and small cell facilities that damage life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

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LATE

HB-2264

Submitted on: 2/5/2020 9:31:35 AM

Testimony for EDB on 2/5/2020 9:00:00 AM

Submitted By	Organization	Testifier Position	Present at Hearing
Cameron Hoffer	Individual	Oppose	No

Comments:

I oppose HB2264 because I do not believe in streamlining the deployment of more harmful cell towers, antennas and small cell facilities that are a hazard to life and property values.

We need legislation that will protect people of all ages, and all living organisms, from the hazards of continuous exposure to pulsed, data-modulated, microwave radiation, which is a manmade toxin that causes biological damage at levels many thousands of times lower than current US radiation exposure guidelines.

The best plan is fiber to the premises. Fiber is safer, faster, more secure, protects property values and protects privacy.