

PSLU Committee

From: Helen Sears <polliwog45@yahoo.com>
Sent: Friday, November 01, 2019 2:14 PM
To: PSLU Committee
Subject: Experience of Electromagnetic Hypersensitivity

Electromagnetic radiation makes me dizzy, wonky, nauseous, unable to sleep, and includes other symptoms: pressure in my temples, tenderness of my teeth, feeling anxious, and short term memory problems.

I had no idea I was sensitive until Port Angeles, WA, where we lived at the time, installed a citywide WiFi system. The night they turned half of it on, I didn't get to sleep until 4:30 p.m. The next night, when the rest of it was turned on, was the end of sleep for me. And I was so sick that my husband, Murv, had to rent me a room outside of town.

We had to sell and move. When we moved to Mendocino, CA, Murv hired an EMR consultant to help us get rid of dirty electricity, and also sheathe most of our electric circuits with stainless steel. We opted out of a 'smart' meter right away and got an old-fashioned analog meter. Fortunately, there are no cell phone towers within 3 miles of us in any direction. We have cable-connected Internet and a land-line phone.

As a result, I'm very interested in WiFi and its hazards, and especially the roll-out of 5G, which is 10 to 100 times stronger than 4G, depending on what's installed at the base stations. It's so strong the Sierra Club has said it's going to kill all the insects, including the pollinators. Dr. Martin Pall, a main researcher, has said 5G is "the stupidest idea in the history of the world." It was developed as a crowd control weapon. This has been confirmed by my husband, Murven Sears, who was in aerospace for 40 years and knew they were developing a weapon for the military that was EMR-based.

The consultant Murv hired said EMR exposure is cumulative on the body, and that, with enough exposure everyone will become sensitive to one degree or another. Right now, according to a Body Voltage Meter, I pick up twice the electricity on my skin that my husband does on his. We're all electrical beings.

I don't want others to go through what I do. And I'm especially concerned for the children, who absorb 10 times the radiation that adults do because they have thinner skulls.

The Federal Government recently released a study that concluded EMR damages DNA and causes other harm, and is definitely linked to causing cancer.

We lived on Maui for almost 10 years and loved our time there. I want with all my heart to protect the wonderful people of Maui as much as possible, and ask that decision-makers contemplate carefully any additional cell towers and antennas, but most especially take a firm stand against all 5G.

Thank you.

Helen Sears

PSLU Committee

From: Alan Bradbury <alan81435@gmail.com>
Sent: Friday, November 01, 2019 2:48 PM
To: PSLU Committee
Subject: 5G

Friends,

People and planners all over the world are becoming aware that there very possibly are severe dangers to 5G radiation. Those in power and control of 5G only see dollar signs and frankly, don't seem to care as they recklessly disregard independent studies which show how devastating 5G may be to humans and the environment. Please, lets be overly educated before we allow such systems to reach our islands. Better to be a sanctuary because in the long term, that may be where the money really is. Already we as people are loosing touch with reality as we allow ourselves to get sucked into our screens. In the future, places without wifi may be the most desirable of all. From what I have deciphered, 5G dose not look good.

Sincerely,
Alan Bradbury
Keanae, Maui

PSLU Committee

From: Ron Schranz <rschranz@hotmail.com>
Sent: Friday, November 01, 2019 5:39 PM
To: PSLU Committee
Subject: Ban 5 G
Attachments: Maui County Council.doc

Please add my letter here attached for the Council meeting on Wednesday for the 5 G meeting.

Mahalo Ron Schranz

Ron Schranz

85 Honuea Place, Kihei HI 96753

Tel/Fax: (808) 875 8287

rschranz@hotmail.com

Maui County's Planning & Sustainable Land Use committee

Please help !!!

11/01/2019

We need to know:

Why hasn't the FCC updated its RF Radiation exposure guidelines in more than 20 years?

Why are those guidelines only based on thermal exposures, and not biological harm, as has been demonstrated in hundreds of recent studies?

Why is the FCC pushing the rollout of 5G infrastructure without any scientific evidence that the technology is safe?

Can you get this done first ??

Please see my letter below:

5 G and all wireless transmissions

**A Personal appeal to STOP all this insanity
Please help us all.**

The Proposed 5G Spectrum Frontiers is a Boon for Industry and a Devastation to Our Health.

The proposal by Mr Tom Wheeler of the FCC to implement a 5G wireless thru out the ENTIRE USA is beyond ridiculous and in TOTAL disregard to all citizens of this country that HE is supposed to protect.

Most government agencies like the FDA, FCC are now controlled and directed by big corporations and corrupt politicians and laws are passed to STOP citizens from suing these corporations that cause injury or death to us. Senator John McClain is the author of a bill that protected the cell industry and wiped out any rights citizens could have as recourse for pain, suffering and death caused directly by wireless transmissions. 1996 ACT.

page #2

I am asking YOU today to STOP the roll out of 5G, Smart meters and any other wireless transmissions harming all our citizens. It is beyond ignorance to ignore ALL the scientific proof and reports of pain & suffering along with deaths that have already occurred on our planet from this dangerous technology that is being pushed by corporate greed and profits.

It is time for YOU to be real and understand that the dangers of microwaves, cell towers, Wifi, Smart meters and all other transmitting devices will be harming all humans which means YOU, Your family, your children and grand children as well as the many many thousands of sensitive people on this planet that are already suffering debilitating effects from this technology. I am classified as EHS (Electro hyper sensitive) since I have been so overly saturated.

I have 4 homes next to my home that have installed solar and every one of them now have digital meters and every one of these owners did not know that MECO was swapping out their meter and were NOT informed about the swap. These 4 homes next to me now have 7 digital meters installed and I am being FRIED to death. They LIE when they say there is little effects from the wireless communications. These meters burp a cell transmission EVERY 60 seconds and do so for 10,20 30 and even 60 seconds of duration. So that means EVERY minute your home and family will be EXPOSED to Micro wave radiation 24 hours a day. That's 160,000 time a day

My home is now Unlivable. They have destroyed my home and my sanctuary completely. I constantly have massive debilitating headaches daily. My eyes hurt daily. My ears have constant ticking. I am nauseated and felling sick constantly in MY home NOW due to this illegal invasion of heavy amounts of microwaves that is and will be occurring to ALL citizens if you let these meters be installed or implement this 5 G program. I can NOT work in my home, eat in my home or sleep in my home due to all this radiation. It is becoming so bad already that even driving around town is painful. Ever time I get a painful spike in my head all I have to do is look around and there will be a cell tower close by emitting dangerous and painful transmissions all across the land.

Do I have to become like the doctor in Brazil that gave up his practice after becoming EHS and now lives in the jungle to stop the pain or like the lady lawyer who gave up her family, her practice and every thing by being forced to seek refuge on a boat off the Alaskan coast to hide from all these transmissions.

What about the 2 girls in France that now live in a cave as a place of refuge for them to hide from all this pain.

page # 3

I am already being radiated to death by microwaves & radio frequencies in my own home. This is Criminal trespassing. I have more than 62 cellular antennas & 18 transmitter towers within 4 miles of my home. Most are within 1 mile as the crow flies. More & more are being added daily. They seem to vortex directly into my home.

I am now facing bankruptcy & total financial loss to my business & my life. Worst of all I am facing certain death due to radiation damage to my brain & my body as this continues.

Who is going to care about all these soon to be sick people and where will any of us be able to go after giving up our island , our home, our families and every thing else just to stop ALL the pain and suffering. These head aches are extremely painful & debilitating. They can be diminish by vacating my home for long periods of time. I now have no place to live, no place to work out of & nowhere to go. My home is unlivable. I am being MURDERED in my own home. I am just about financially ruined & in constant pain. Soon the entire island will be inundated and be totally unsafe here. I HAVE LIVED HERE FOR 41 YEARS AND THIS IS THE ONLY PLACE I WANT TO BE. PLEASE DO NOT MAKE ME LEAVE OR BECOME SO SICK THAT I WILL NOT SEE MY GRAND KIDS GROW OR HAVE ANY KIND OF LIFE LEFT AFTER MICRO WAVES KILL ME.

It is time to STOP all these programs until harming and damaging to humans is addressed.

PLEASE consider all this before you vote to allow this insanity to expand and continue.

You or a loved one in your family may be the next victim who will be left with NO life.

Sincerely BIG time sufferer

Ron Schranz
Maui Hawaii

PSLU Committee

From: Lisa Hotchkiss <lhkiss@gmail.com>
Sent: Friday, November 01, 2019 8:35 PM
To: PSLU Committee
Subject: No 5G on Maui

I am aware of the detrimental effects of this technology on humans and animals! PLEASE KEEP HAWAII NEI 5G FREE!

Sincerely,
Lisa Hotchkiss

Sent from my iPhone

PSLU Committee

From: e bodewig <eebodewig@gmail.com>
Sent: Saturday, November 02, 2019 12:38 AM
To: PSLU Committee
Subject: 5G

Would love to come, but it is a bit far for me since I live in Holland.

Best regards and success in the battle
Evelin

PSLU Committee

From: Peggy Schechter <peggyflute@hawaii.rr.com>
Sent: Saturday, November 02, 2019 10:04 AM
To: PSLU Committee
Subject: 5G

To Whom It May Concern,

My husband and I are extremely concerned about the potential harmful health effects of this latest untested technology, and ask that you do everything in your power to stop it from being implemented on Maui. Human beings shouldn't be guinea pigs. There are grave concerns about 5G changing human DNA....a frightening thought.

As you probably know, there are some cities and countries around the world that are resisting 5G. There must be a reason for that.

Please keep Maui safe for everyone, and make it a model for the rest of the Nation.

Thank you,
Peggy Schechter
Kula

Sent from my iPad

PSLU Committee

From: Naomi Melamed <hinaomi@protonmail.com>
Sent: Saturday, November 02, 2019 7:58 PM
To: PSLU Committee
Subject: 5G Testimony

Aloha and thank you for holding a hearing around gaining more information toward 5g,

I see creating infrastructure to support fiber on the island to be the best thing we have to do. 5g presents so many logistical issues about distance, radiation, power consumption, unpredictability during storms and power outages would render the system vulnerable. 4g is enough for our cellular needs. 5g uses the 4g network as well, it pairs on 4g which is the voice to increase data speeds. 4g will still be used for voice transmission as 5g is only for data.

Prices of property drop with antennas nearby.

There are scientific peer reviewed studies linking cellular radiation from antennas to cancer and many other health issues.

The bandwidth being used by 5g is the same as weather radar, which would impact our ability to see storms which is crucial on the islands for our health and safety.

We do not want to subsidize the cellular companies with our tax dollars to put up devices in our neighborhoods that will radiate our children.

Thank you,

Naomi Melamed
808 936 5083

Sent with [ProtonMail](#) Secure Email.

PSLU Committee

From: LiLi Townsend <lilimaui@icloud.com>
Sent: Saturday, November 02, 2019 9:41 PM
To: PSLU Committee
Subject: 5G

Dear Council. So relieved that the frightening truths about this unproven technology will be revealed on Wednesday .. As one who is already experiencing pain, tingling and stinging on my cell-phone holding hand ...

I can testify that even 4G is powerful enough to cause bodily and Neuro-physical Injury. ! Please protect us !

With respect

LiLi Townsend, Kihei

Sent from my iPhone

PSLU Committee

From: Steve Forman <stevenmforman@yahoo.com>
Sent: Saturday, November 02, 2019 11:17 PM
To: PSLU Committee
Subject: 5G Panel Meeting

Please consider the legal issues around the health risks of 5G technology. There is enough evidence that shows 5G is potentially very harmful to human health.

Thanks
Steven Forman

PSLU Committee

From: Kelly King
Sent: Monday, November 04, 2019 9:58 AM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 1, 2019 5:17 PM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

Aloha,

Thousands of peer reviewed research studies show the negative health effects of radiation from wireless technologies. As such, 5G wireless technology poses significant risks to humans, animals and the environment www.BioInitiative.org. Despite this, in 2018 Gov Ige implemented legislation for streamlined deployment of 5G across the state.

5G has never been safety tested. Thus it constitutes a human experiment without consent. 5G builds on existing 3G and 4G/LTE infrastructure but is is categorically different, involving newly erected small cell antennas blanketing residential neighborhoods (every few houses), using public infrastructure while emitting toxic levels of extremely high (millimeter wave) wireless radiation never before used for internet or cell phones. It involves millions of new 5G base stations clustered closer to the ground - closer to homes and schools - and 20,000+ new transmitting satellites in near space www.5GSpaceAppeal.org/the-appeal

We do not consent to this involuntary exposure of wireless radiation. We respectfully demand the state of Hawaii place a moratorium on any 5G infrastructure until independent scientific studies are completed and show this technology poses no harm to humans, animals, or to the environment.

--
Susanna Majano
pipilnahuat@gmail.com
Honolulu, HI
Honolulu

PSLU Committee

From: Kelly King
Sent: Monday, November 04, 2019 1:34 PM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Edie Bikle <tarogifts@aol.com>
Sent: Tuesday, October 29, 2019 8:33 PM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

Aloha,

Thousands of peer reviewed research studies show the negative health effects of radiation from wireless technologies. As such, 5G wireless technology poses significant risks to humans, animals and the environment www.BioInitiative.org. Despite this, in 2018 Gov Ige implemented legislation for streamlined deployment of 5G across the state.

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We do not consent to this involuntary exposure of wireless radiation. We respectfully demand the state of Hawaii place a moratorium on any 5G infrastructure until independent scientific studies are completed and show this technology poses no harm to humans, animals, or to the environment.

--

Edie Bikle
tarogifts@aol.com
Honokaa, HI
no just no

PSLU Committee

From: Wayne Shiroma <shiromaw@hawaii.edu>
Sent: Tuesday, November 05, 2019 3:27 PM
To: PSLU Committee
Subject: HAWK30 testimony
Attachments: HAWK30 TestimonyWS.pdf

Please find attached my testimony on the HAWK30

Testimony of Dr Wayne Shiroma, Chair, University of Hawaii Electrical Engineering Department regarding Electromagnetic Radiation Exposure Risk associated with HAWK30 Aircraft and Ground Station. Submitted Nov 6 2019 to Maui County Planning and Sustainable Land Use Committee.

1. Federal Communication Commission provides guidance for evaluating safety of humans to exposure from electromagnetic radiation through FCC Document OET Bulletin 65, Edition 97-01, dated August 1997, as updated. The guidance is used in designing electromagnetic systems; in finding compliance of a given system with the standards; and/or in performing Environmental Assessments.

To indicate the scope of the non-trivial task of electromagnetic exposure analysis, I have included the 'Summary' section of OET Bulletin 65 for awareness of the factors and methods that are considered. The full FCC document is available at this URL: https://transition.fcc.gov/Bureaus/Engineering_Technology/Documents/bulletins/oet65/oet65.pdf.

2. Evaluation of HAWK30 aircraft and Ground Control Station according to OET 97-01: I have reviewed the HAWK30 communications payload and find the following, from long-established radio-transmission fundamentals:

HAWK30 Aircraft: The power received directly underneath the HAWK30 at an altitude of 65,000 feet is TEN MILLION TIMES LESS than the maximum permissible safety level as set by Federal Communication Commission Guidelines, OET Bulletin 65. Note that the bulk of HAWK30 operational mission is above 65,000', further reducing the power received on the earth's surface.

3. Ground Station: The power received in the horizontal plane from the HAWK30 ground station 30 feet away is ONE HUNDRED THOUSAND TIMES LESS than the maximum permissible safety level as set by Federal Communication Commission Guidelines, OET Bulletin 65.
4. Therefore in my opinion, both the HAWK30 aircraft and ground station are safe for the general population.
5. I would be happy to sit down with Maui County to review any or all of the above.
6. Title Page and Summary Section from OET 65 follow.

Wayne Shiroma, PhD

Excerpts From FCC OET Bulletin 65 Edition 97-01: Cover Sheet and Summary

**Evaluating Compliance with FCC
Guidelines for Human Exposure
to Radiofrequency Electromagnetic Fields**

OET BULLETIN 65
Edition 97-01

August 1997



APPENDIX A
SUMMARY OF RF EXPOSURE GUIDELINES

This appendix summarizes the policies, guidelines and requirements that were adopted by the FCC on August 1, 1996, amending Part 1 of Title 47 of the Code of Federal Regulations, and further amended by action of the Commission on August 25, 1997 (see 47 CFR Sections 1.1307(b), 1.1310, 2.1091 and 2.1093, as amended). Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the preparation of an Environmental Assessment (EA), as described in 47 CFR Section 1.1311, if the particular facility, operation or transmitter would cause human exposure to levels of radiofrequency (RF) electromagnetic fields in excess of these limits. For exact language, see the relevant FCC rule sections.

FCC implementation of the new guidelines for mobile and portable devices became effective August 7, 1996. For other applicants and licensees a transition period was established before the new guidelines would apply. With the exception of the Amateur Radio Service, the date established for the end of the transition period is October 15, 1997. Therefore, the new guidelines will apply to applications filed on or after this date. For the Amateur Service only, the new guidelines will apply to applications filed on or after January 1, 1998.

Summary of Station and Transmitter Requirements

Applications to the Commission for construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities must contain a statement or certification confirming compliance with the limits unless the facility, operation, or transmitter is categorically excluded from routine evaluation, as discussed below. Technical information showing the basis for this statement must be submitted to the Commission upon request.

The FCC-adopted limits for Maximum Permissible Exposure (MPE) are generally based on recommended exposure guidelines published by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Sections 17.4.1, 17.4.1.1, 17.4.2 and 17.4.3. Copyright NCRP, 1986, Bethesda, Maryland 20814. In the frequency range from 100 MHz to 1500 MHz, exposure limits for field strength and power density are also generally based on the MPE limits found in Section 4.1 of , "IEEE Standard for Safety

Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE C95.1-1992, Copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017, and approved for use as an American National Standard by the American National Standards Institute (ANSI).

The FCC's MPE limits for field strength and power density are given in Table 1 (and in 47 CFR § 1.1310) Figure 1 is a graphical representation of the limits for plane-wave (far-field) equivalent power density versus frequency. The FCC's limits are generally applicable to *all* facilities, operations and transmitters regulated by the Commission, and compliance is expected with the appropriate guidelines. However, *routine* determination of compliance with these exposure limits (routine environmental evaluation), and preparation of an EA if the limits are exceeded, is required only for facilities, operations and transmitters that fall into the categories listed in Table 2, or those specified below under the headings "mobile," "unlicensed" or "portable" devices. All other facilities, operations and transmitters are categorically excluded from routine evaluation or preparing an EA for RF emissions, except that the Commission may, on its own merits or as the result of a petition, complaint or inquiry, require RF environmental evaluation of transmitters or facilities even though they are otherwise excluded [see 47 CFR Sections 1.1307(c) and (d)].

For purposes of Table 2, the term "building-mounted antennas" means antennas mounted in or on a building structure that is occupied as a workplace or residence. The term "power" in column 2 of Table 2 refers to total operating power of the transmitting operation in question in terms of effective radiated power (ERP), equivalent isotropically radiated power (EIRP), or peak envelope power (PEP), as defined in 47 CFR. § 2.1. For the case of the Cellular Radiotelephone Service, 47 CFR § 22, Subpart H, the Personal Communications Service, 47 CFR § 24, and Specialized Mobile Radio Service, 47 CFR § 90, the phrase "total power of all channels" in column 2 of Table 2 means the sum of the ERP or EIRP of all co-located simultaneously operating transmitters owned and operated by a single licensee.

When applying the criteria of Table 2, radiation in all directions should be considered. For the case of transmitting facilities using sectorized transmitting antennas, applicants and licensees should apply the criteria to all transmitting channels in a given sector, noting that for a highly directional antenna there is relatively little contribution to ERP or EIRP summation for other directions.

For purposes of calculating EIRP of an MDS station, the power level refers to the cumulative EIRP of all channels. Further, this power limit assumes conventional NTSC transmissions with 10% aural power, and refers to peak visual power. MDS stations employing other than NTSC transmissions, e.g., digital transmissions, must apply the appropriate NTSC peak visual to average power conversion factor for their modulation scheme in order to determine whether the EIRP power criteria is exceeded.

In general, as specified in 47 C.F.R. 1.1307(b), as amended, when the FCC's guidelines are exceeded *in an accessible area* due to the emissions from multiple fixed transmitters the following policy applies. Actions necessary to bring the area into compliance

with the guidelines are the shared responsibility of *all* licensees whose transmitter's contribution to the RF environment *at the non-complying area* exceeds 5% of the exposure limit (that applies to their particular transmitter) in terms of power density or the square of the electric or magnetic field strength. This applies regardless of whether such transmitters would, by themselves, normally be excluded from performing a routine environmental evaluation. Owners of transmitter sites are expected to allow applicants and licensees to take reasonable steps to comply with the FCC's requirements and, where feasible, should encourage co-location of transmitters and common solutions for controlling access to areas where the RF exposure limits might be exceeded.

The following policy applies in the case of an application for a proposed transmitter, facility or modification (not otherwise excluded from performing a routine RF evaluation) that would *cause non-compliance* at an accessible area previously in compliance. In such a case, it is the responsibility of the applicant to submit an EA if emissions from the applicant's transmitter or facility would cause non-compliance at the area in question. However, this applies only if the applicant's transmitter causes exposure levels at the area in question that exceed 5% of the exposure limits applicable to that particular transmitter in terms of power density or the square of the electric or magnetic field strength.

For a renewal applicant whose transmitter or facility (not otherwise excluded from routine evaluation) contributes to the RF environment at an accessible area *not in compliance* with the guidelines the following policy applies. The renewal applicant must submit an EA if emissions from the applicant's transmitter or facility, at the area in question, result in exposure levels that exceed 5% of the exposure limits applicable to that particular transmitter in terms of power density or the square of the electric or magnetic field strength. In other words, although the renewal applicant may only be responsible for a fraction of the total exposure (greater than 5%), the applicant (along with any other licensee undergoing renewal at the same time) will trigger the EA process, unless suitable corrective measures are taken to prevent non-compliance

before an EA is necessary. In addition, in a renewal situation if a determination of non-compliance is made, other co-located transmitters contributing more than the 5% threshold level must share responsibility for compliance, regardless of whether they are categorically excluded from routine evaluation or submission of an EA.

Table 1. LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

(A) Limits for Occupational/Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	f/300	6
1500-100,000	--	--	5	6

(B) Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30

f = frequency in MHz

*Plane-wave equivalent power density

NOTE 1: **Occupational/controlled** limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2: **General population/uncontrolled** exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

Figure 1. FCC Limits for Maximum Permissible Exposure (MPE)
Plane-wave Equivalent Power Density

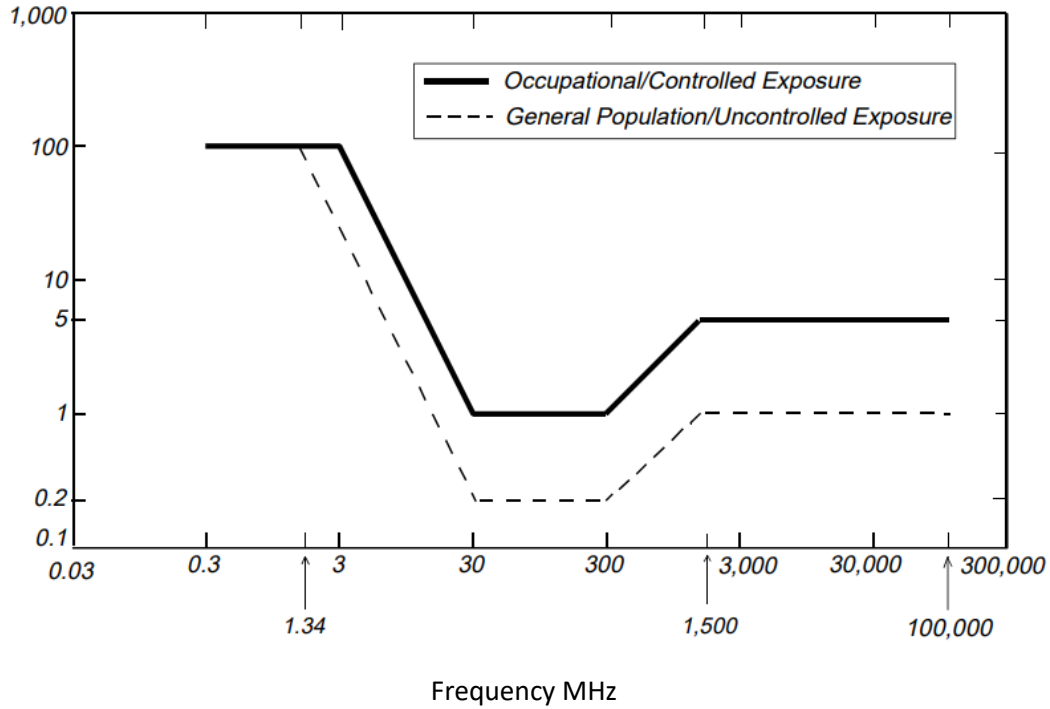


TABLE 2: TRANSMITTERS, FACILITIES AND OPERATIONS SUBJECT TO ROUTINE ENVIRONMENTAL EVALUATION

SERVICE (TITLE 47 CFR RULE PART)	EVALUATION REQUIRED IF:
Experimental Radio Services (part 5)	power > 100 W ERP (164 W EIRP)
Multipoint Distribution Service (subpart K of part 21)	<u>non-building-mounted antennas</u> : height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1640 W EIRP <u>building-mounted antennas</u> : power > 1640 W EIRP
Paging and Radiotelephone Service (subpart E of part 22)	<u>non-building-mounted antennas</u> : height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u> : power > 1000 W ERP (1640 W EIRP)
Cellular Radiotelephone Service (subpart H of part 22)	<u>non-building-mounted antennas</u> : height above ground level to lowest point of antenna < 10 m <u>and</u> total power of all channels > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u> :

total power of all channels > 1000 W ERP (1640 W EIRP)

TABLE 2 (cont.)

SERVICE (TITLE 47 CFR RULE PART)	EVALUATION REQUIRED IF:
Personal Communications Services (part 24)	(1) Narrowband PCS (subpart D): <u>non-building-mounted antennas</u> : height above ground level to lowest point of antenna < 10 m <u>and</u> total power of all channels > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u> : total power of all channels > 1000 W ERP (1640 W EIRP) (2) Broadband PCS (subpart E): <u>non-building-mounted antennas</u> : height above ground level to lowest point of antenna < 10 m <u>and</u> total power of all channels > 2000 W ERP (3280 W EIRP) <u>building-mounted antennas</u> : total power of all channels > 2000 W ERP (3280 W EIRP)
Satellite Communications (part 25)	all included

General Wireless Communications Service (part 26)	total power of all channels > 1640 W EIRP
Wireless Communications Service (part 27)	total power of all channels > 1640 W EIRP
Radio Broadcast Services (part 73)	all included

TABLE 2 (cont.)

SERVICE (TITLE 47 CFR RULE PART)	EVALUATION REQUIRED IF:
<p>Experimental, auxiliary, and special broadcast and other program distributional services (part 74)</p>	<p>subparts A, G, L: power > 100 W ERP</p> <p>subpart I: <u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1640 W EIRP <u>building-mounted antennas</u>: power > 1640 W EIRP</p>
<p>Stations in the Maritime Services (part 80)</p>	<p>ship earth stations only</p>
<p>Private Land Mobile Radio Services Paging Operations (part 90)</p>	<p><u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u>: power > 1000 W ERP (1640 W EIRP)</p>
<p>Private Land Mobile Radio Services Specialized Mobile Radio (part 90)</p>	<p><u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> total power of all channels > 1000 W ERP (1640 W EIRP) <u>building-mounted antennas</u>: total power of all channels > 1000 W ERP (1640 W EIRP)</p>

<p style="text-align: center;">Amateur Radio Service (part 97)</p>	<p>transmitter output power > levels specified in § 97.13(c)(1) of this chapter (see Table 1 in text)</p>
<p style="text-align: center;">Local Multipoint Distribution Service (subpart L of part 101)</p>	<p><u>non-building-mounted antennas</u>: height above ground level to lowest point of antenna < 10 m <u>and</u> power > 1640 W EIRP <u>building-mounted antennas</u>: power > 1640 W EIRP</p> <p>LMDS licensees are required to attach a label to subscriber transceiver antennas that: (1) provides adequate notice regarding potential radiofrequency safety hazards, <i>e.g.</i>, information regarding the safe minimum separation distance required between users and transceiver antennas; and (2) references the applicable FCC-adopted limits for radiofrequency exposure specified in § 1.1310 of this chapter.</p>

Mobile and Portable Devices

Mobile and portable transmitting devices that operate in the Cellular Radiotelephone Service, the Personal Communications Services (PCS), the Satellite Communications Services, the Maritime Services (ship earth stations only) and the Specialized Mobile Radio (SMR) Service are subject to routine environmental evaluation for RF exposure prior to equipment authorization or use, as specified in 47 CFR § 2.1091 and § 2.1093. Unlicensed PCS and millimeter wave devices are also subject to routine environmental evaluation for RF exposure prior to equipment authorization or use, as specified in 47 C.F.R. § 15.253(f), § 15.255(g), and § 15.319(i). All other mobile, portable, and unlicensed transmitting devices are categorically excluded from routine environmental evaluation for RF exposure under 47 CFR § 2.1091 and § 2.1093, except (as described previously) as specified in 47 CFR § 1.1307(c) and (d).

(a) Mobile Devices

This section describes the requirements of Section 2.1091 of the FCC's Rules (47 CFR § 2.1091) that apply to "mobile" devices. For purposes of these requirements mobile devices are defined as transmitters designed to be used in other than fixed locations and to generally be used in such a way that a separation distance of at least 20 centimeters is normally maintained between the transmitter's radiating structure(s) and the body of the user or nearby persons. In this context, the term "fixed location" means that the device is physically secured at one location and is not able to be easily moved to another location. Transmitting devices designed to be used by consumers or workers that can be easily re-located, such as wireless devices associated with a personal computer, are considered to be mobile devices if they meet the 20 centimeter separation requirement.

Mobile devices that operate in the Cellular Radiotelephone Service, the Personal Communications Services, the Satellite Communications Services, the General Wireless Communications Service, the Wireless Communications Service, the Maritime Services and the Specialized Mobile Radio Service authorized under the following parts and subparts of the FCC's Rules: subpart H of part 22, part 24, part 25, part 26, part 27, part 80 (ship earth station devices only) and part 90 (SMR devices only), are subject to routine environmental evaluation for RF exposure prior to equipment authorization or use if they operate at frequencies of 1.5 GHz or below and their effective radiated power (ERP) is 1.5 watts or more, or if they operate at frequencies above 1.5 GHz and their ERP is 3 watts or more. Unlicensed personal communications service devices, unlicensed millimeter wave devices and unlicensed NII devices authorized under FCC Rule parts 15.253, 15.255 and subparts D and E of part 15 are also subject to routine environmental evaluation for RF exposure prior to equipment authorization or use if their ERP is 3 watts or more or if they meet the definition of a portable device as specified below, requiring evaluation under the provisions of 47 CFR §2.1093. All other mobile and unlicensed transmitting devices are categorically excluded from routine environmental evaluation for RF exposure prior to equipment authorization or use, except as specified in 47 CFR §§ 1.1307(c) and 1.1307(d), as discussed previously.

The limits to be used for evaluation of mobile and unlicensed devices (except portable unlicensed devices) are the MPE field strength and power density limits specified in Table 1 above (and in 47 CFR §1.1310). Applications for equipment authorization must contain a statement confirming compliance with these exposure limits as part of their application. Technical information showing the basis for this statement must be submitted to the Commission upon request.

All unlicensed personal communications service (PCS) devices shall be subject to the limits for general population/uncontrolled exposure. For purposes of analyzing mobile transmitting devices under the occupational/controlled criteria specified in Table 1, time-averaging provisions of the guidelines may be used in conjunction with typical maximum duty factors to determine maximum likely exposure levels. Time-averaging provisions may not be used in determining typical exposure levels for devices intended for use by consumers in general population/uncontrolled environments. However, "source-based" time-averaging based on an inherent property or duty-cycle of a device is allowed. An example of this is the determination of exposure from a device that uses digital technology such as a time-division multiple-access (TDMA) scheme for transmission of a signal. In general, maximum average rms power levels should be used to determine compliance.

If appropriate, compliance with exposure guidelines for mobile and unlicensed devices can be accomplished by the use of warning labels and by providing users with information concerning minimum separation distances from transmitting structures and proper installation of antennas.

In some cases, for example, modular or desktop transmitters, the potential conditions of use of a device may not allow easy classification of that device as either mobile or portable. In such cases, applicants are responsible for determining minimum distances for compliance for the intended use and installation of the device based on evaluation of either specific absorption rate

(SAR), field strength or power density, whichever is most appropriate.

(b) Portable Devices

This section describes the requirements of Section 2.1093 of the FCC's Rules (47 CFR §2.1093) that apply to "portable" devices. For purposes of these requirements a portable device is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.

Portable devices that operate in the Cellular Radiotelephone Service, the Personal Communications Services, the Satellite Communications Services, the General Wireless Communications Service, the Wireless Communications Service, the Maritime Services and the Specialized Mobile Radio Service, and authorized under the following sections of the FCC's rules: subpart H of part 22, part 24, part 25, part 26, part 27, part 80 (ship earth

station devices only), part 90 (SMR devices only), and portable unlicensed personal communication service, unlicensed NII devices and millimeter wave devices authorized under rule parts 47 CFR §§15.253, 15.255 or subparts D and E of part 15, are subject to routine environmental evaluation for RF exposure prior to equipment authorization or use. All other portable transmitting devices are categorically excluded from routine environmental evaluation for RF exposure prior to equipment authorization or use, except as specified in 47 CFR §§ 1.1307(c) and (d), as discussed previously. Applications for equipment authorization of portable transmitting devices subject to routine environmental evaluation must contain a statement or certification confirming compliance with the limits specified below as part of their application. Technical information showing the basis for this statement must be submitted to the Commission upon request.

The limits to be used for evaluation are based generally on criteria published by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) for localized specific absorption rate ("SAR") in Section 4.2 of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE C95.1-1992, Copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Section 17.4.5. Copyright NCRP, 1986, Bethesda, Maryland 20814. SAR is a measure of the rate of energy absorption per unit mass due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potentially adverse biological effects. The criteria to be used are specified below and shall apply for portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices, as defined above, that transmit at frequencies above 6 GHz are to be evaluated in terms of the MPE limits specified in Table 1 above (and in 47 CFR §1.1310). Measurements and calculations to demonstrate compliance with MPE field strength or power density limits for devices operating above 6 GHz should be made at a minimum distance of 5 cm from the radiating source.

(1) Limits for Occupational/Controlled exposure: 0.4 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 8 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 20 W/kg, as averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Occupational/Controlled limits apply when persons are exposed as a consequence of their employment provided these persons are fully aware of and exercise control over their exposure. Awareness of exposure can be accomplished by use of warning labels or by specific training or education through appropriate means, such as an RF safety program in a work environment.

(2) Limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 1.6 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 4 W/kg, as averaged over

any 10 grams of tissue (defined as a tissue volume in the shape of a cube). General Population/Uncontrolled limits apply when the general public may be exposed, or when persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or do not exercise control over their exposure. Warning labels placed on consumer devices such as cellular telephones will not be sufficient reason to allow these devices to be evaluated subject to limits for occupational/controlled exposure.

Compliance with SAR limits can be demonstrated by laboratory measurement techniques or by computational modeling, as appropriate. Methodologies and references for SAR evaluation are described in technical publications including "IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave," IEEE C95.3-1991, and further guidance on measurement and computational protocols is being developed by the IEEE and others (see text of this bulletin for further discussion).

For purposes of analyzing a portable transmitting device under the occupational/controlled criteria only, the time-averaging provisions of the MPE guidelines identified in Table 1 above can be used in conjunction with typical maximum duty factors to determine maximum likely exposure levels. However, assurance must be given that use of the device will be limited to occupational or controlled situations, as defined previously.

Time-averaging provisions of the MPE guidelines identified in Table 1 may not be used in determining typical exposure levels for portable devices intended for use by consumers, such as hand-held cellular telephones, that are considered to operate in general population/uncontrolled environments as defined above. However, "source-based" time-averaging based on an inherent property or duty-cycle of a device is allowed. An example of this would be the determination of exposure from a device that uses digital technology such as a time-division multiple-access (TDMA) scheme for transmission of a signal. In general,

maximum average rms power levels should be used to determine compliance.

PSLU Committee

From: Barbara Barry <gardenmeister@msn.com>
Sent: Tuesday, November 05, 2019 9:13 PM
To: PSLU Committee
Subject: 5 G network in Maui County

Dear Chair Paltin and Committee Members,

I have been very concerned about 5 G being rolled out in Maui County without proper, long term studies, guaranteeing the safety and well being of ALL biological life in Maui County.

I'm concerned about the military application of this technology as well.

I know people who live in Maui County who are EMF sensitive and their health would be affected by this strong and unescapable technology.

I urge you to listen to the experts who are sounding an alarm about this rapidly rolling out network.

Once it's here, we will not be able to do anything about it.

I'm thankful that the 5 G drone that was being deployed from Lanai has been shut down.

The last thing we need is more things flying over us.

Mahalo for your time and consideration,

Ms. Barbara Barry

Ha'ikū, Hawai'i

PSLU Committee

From: Priscilla Sanders <sanders.priscilla@gmail.com>
Sent: Tuesday, November 05, 2019 10:31 PM
To: PSLU Committee
Subject: concerns about 5G

Aloha, Maui County Council,

I have grave concerns about the implementation of 5G in the world, and especially Maui County, where I love living. Thank you for holding the hearing on November 5. There is extensive research that shows these towers will escalate the amount of radiation and EMFs, both which cause disease and cancer in all life forms.

Please help us preserve Maui County and set an example for the world that we are listening to science, that we care about our residents, and want to preserve our health.

Mahalo,
Priscilla Sanders

PSLU Committee

From: George Chyz <gwchyz@gmail.com>
Sent: Thursday, November 07, 2019 3:24 AM
To: PSLU Committee
Subject: Fwd: 5G Space Appeal is ready for delivery; SpaceX plans 30,000 more satellites

Aloha,

I just received the attached email documenting world wide opposition to 5G.

I hope Maui county bans 5G due the detrimental effects that it has been found to have on living organisms.

Thank you,

George Chyz
213 Hoolawa Rd.
Haiku, HA 96708

Begin forwarded message:

From: Arthur Firstenberg <info@cellphonetaskforce.org>
Subject: **5G Space Appeal is ready for delivery; SpaceX plans 30,000 more satellites**
Date: November 6, 2019 at 11:59:22 AM HST
To: gwchyz@gmail.com
Reply-To: info@cellphonetaskforce.org



[DOWNLOAD THE APPEAL AND SIGNATORIES LISTS HERE](#)

op 5G on Earth and in Space, together with all the lists of signatories from 204 countries and territories, is ready for you to deliver to your gov
y clicking on the links below:

[中文](#) [日本語](#) [한국어](#) [Český](#) [Dansk](#) [Deutsch](#) [Eesti](#) [English](#) [Español](#)

[Latviski](#) [Lietuviškai](#) [Magyar](#) [Nederlands](#) [Norsk](#) [PolskiPortuguês](#) [Română](#) [Slovensko](#) [Suomi](#) [Türkçe](#) [Български](#) [Ελληνική](#)

all the lists of signatories on our website, or by clicking on the links below:

[Therapists and Social Workers](#) (9,663)

[Yoga, Homeopathy, Ayurveda and Medical Qigong](#) (2,777)

[Medicine](#) (770)

(3,137)

(48)

TOTAL = 172,395 signatures from 204 countries and territories

that the Appeal should still remain open for signatures. Therefore, both the [individual signature form](#) and the [organization signature form](#) will be available to the world's governments.

be directly contacting everyone who has volunteered to deliver the Appeal in person to their governments.

SPACEX HAS APPLIED FOR 30,000 MORE SATELLITES

became even more terrifying: on October 7, 2019, the International Telecommunication Union posted new applications by SpaceX for 30,000 more satellites. SpaceX has now applied for a planned total of 42,000 5G satellites in low and very low orbit in the Earth's ionosphere.

SpaceX has speeded up schedule of launches: it plans to launch as many as 240 more satellites by the end of 2019 and as many as 1,440 satellites during 2020. SpaceX plans to launch 400 satellites at a time, or 4,800 satellites per year, on its Super Heavy rocket, now under development. SpaceX now states that it will launch 400 satellites at a time in the second half of 2020.

The satellites are distributed in 72 orbital planes, inclined at 53 degrees to the equator. This means that when service begins in 2020 from about 1,000 satellites, they will be visible from northern Canada, far northern Europe, most of Russia, and Tierra del Fuego.

The danger that the satellites will do, which could end life on Earth when they go into service next year, comes from their location in the most vulnerable part of the ionosphere that begins at an altitude of about 50 miles above our heads. It is charged to an average of 300,000 volts at all times and it provides the power and energy for all living things: it is why we are alive, and it is the source of all health and healing. All doctors of oriental medicine know this, except the modern doctors. It is the energy that flows through our meridians and gives us life. It is electricity. You cannot contaminate the global electrical circuit with millions of pulsed, modulated radio waves.

Iridium Corporation began providing cell phone service on Wednesday, September 23, 1998, people all over this planet reported headaches, and ringing in the ears that began that morning. One person I spoke with said it felt like a knife went through the back of her head early Wednesday, not even sparrows. Hawks were not out hunting. Thousands of homing pigeons lost their way. The death rate in the United States rose by four

What will 41,000, or even 1,000, much more powerful satellites do? The beams from each SpaceX satellite will be about one thousand times as powerful as what they will do. This needs massive protests, all over this planet. **It must not happen. Please contact me if you want to help.**

PLANNED GLOBAL DAY OF PROTEST

ing planned for Saturday, January 25, 2020. In the days leading up to the global event, beginning January 12, various activities are being planned in . For example, it has been proposed that the [International Appeal to Stop 5G on Earth and in Space](#) should be read at the United Nations, in public . There should be an International 5G Moratorium Conference held in Brussels. Brussels should be the host of this conference because Brussels, since it banned 5G.

and such a global day of protest, and to mount a media campaign, will require people, and skills, and funds. All donations are tax deductible for

Donate

* All donations go to Cellular Phone Task Force Inc., Tax ID Number 11-3394550

Arthur Firstenberg, Administrator

International Appeal to Stop 5G on Earth and in Space

P.O. Box 6216

Santa Fe, NM 87502

USA

Tel: +1 505-471-0129

Email: info@cellphonetaskforce.org

<https://www.5gSpaceAppeal.org>

[Unsubscribe here](#)

PSLU Committee

From: Kelly King
Sent: Thursday, November 14, 2019 1:36 PM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Thursday, November 14, 2019 11:40 AM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

Aloha,

Thousands of peer reviewed research studies show the negative health effects of radiation from wireless technologies. As such, 5G wireless technology poses significant risks to humans, animals and the environment www.BioInitiative.org. Despite this, in 2018 Gov Ige implemented legislation for streamlined deployment of 5G across the state.

5G has never been safety tested. Thus it constitutes a human experiment without consent. 5G builds on existing 3G and 4G/LTE infrastructure but is categorically different, involving newly erected small cell antennas blanketing residential neighborhoods (every few houses), using public infrastructure while emitting toxic levels of extremely high (millimeter wave) wireless radiation never before used for internet or cell phones. It involves millions of new 5G base stations clustered closer to the ground - closer to homes and schools - and 20,000+ new transmitting satellites in near space www.5GSpaceAppeal.org/the-appeal

We do not consent to this involuntary exposure of wireless radiation. We respectfully demand the state of Hawaii place a moratorium on any 5G infrastructure until independent scientific studies are completed and show this technology poses no harm to humans, animals, or to the environment.

--
madhav Ananda
mydovee@gmail.com
Haiku, Paia, Hali'imaile, United States
Yes stop this assault on everybodies health

PSLU Committee

From: Kelly King
Sent: Friday, November 15, 2019 12:59 PM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 15, 2019 12:16 PM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

Aloha,

Thousands of peer reviewed research studies show the negative health effects of radiation from wireless technologies. As such, 5G wireless technology poses significant risks to humans, animals and the environment www.BioInitiative.org. Despite this, in 2018 Gov Ige implemented legislation for streamlined deployment of 5G across the state.

5G has never been safety tested. Thus it constitutes a human experiment without consent. 5G builds on existing 3G and 4G/LTE infrastructure but is categorically different, involving newly erected small cell antennas blanketing residential neighborhoods (every few houses), using public infrastructure while emitting toxic levels of extremely high (millimeter wave) wireless radiation never before used for internet or cell phones. It involves millions of new 5G base stations clustered closer to the ground - closer to homes and schools - and 20,000+ new transmitting satellites in near space www.5GSpaceAppeal.org/the-appeal

We do not consent to this involuntary exposure of wireless radiation. We respectfully demand the state of Hawaii place a moratorium on any 5G infrastructure until independent scientific studies are completed and show this technology poses no harm to humans, animals, or to the environment.

--
Barbara L Williams
babsbiz@mac.com
Kaunakakai, HI

www.KeepYourPower.org

PSLU Committee

From: Kelly King
Sent: Friday, November 15, 2019 12:59 PM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
maucounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 15, 2019 12:18 PM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@maucounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; lkaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

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We do not consent to this involuntary exposure of wireless radiation. We respectfully demand the state of Hawaii place a moratorium on any 5G infrastructure until independent scientific studies are completed and show this technology poses no harm to humans, animals, or to the environment.

--
Douglas Haines
dougalhaines@icloud.com
Kaunakakai, HI

www.KeepYourPower.org

PSLU Committee

From: Kelly King
Sent: Friday, November 22, 2019 11:23 AM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 22, 2019 12:19 AM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; lkaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

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We do not consent to this involuntary exposure of wireless radiation. We respectfully demand the state of Hawaii place a moratorium on any 5G infrastructure until independent scientific studies are completed and show this technology poses no harm to humans, animals, or to the environment.

--
Zain Riaz
riaz_zain30@yahoo.com
San Francisco, California

www.KeepYourPower.org

PSLU Committee

From: Kelly King
Sent: Friday, November 22, 2019 11:24 AM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 22, 2019 4:48 AM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; lkaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

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--
Christina Boll
thinking-outside-the-box@outlook.com
Waiialua, Hawaii

www.KeepYourPower.org

PSLU Committee

From: Kelly King
Sent: Friday, November 22, 2019 11:26 AM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 22, 2019 7:11 AM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

Aloha,

Thousands of peer reviewed research studies show the negative health effects of radiation from wireless technologies. As such, 5G wireless technology poses significant risks to humans, animals and the environment www.BioInitiative.org. Despite this, in 2018 Gov Ige implemented legislation for streamlined deployment of 5G across the state.

5G has never been safety tested. Thus it constitutes a human experiment without consent. 5G builds on existing 3G and 4G/LTE infrastructure but is categorically different, involving newly erected small cell antennas blanketing residential neighborhoods (every few houses), using public infrastructure while emitting toxic levels of extremely high (millimeter wave) wireless radiation never before used for internet or cell phones. It involves millions of new 5G base stations clustered closer to the ground - closer to homes and schools - and 20,000+ new transmitting satellites in near space www.5GSpaceAppeal.org/the-appeal

We do not consent to this involuntary exposure of wireless radiation. We respectfully demand the state of Hawaii place a moratorium on any 5G infrastructure until independent scientific studies are completed and show this technology poses no harm to humans, animals, or to the environment.

--
Sudie Noland
sudiebond@gmail.com
Kapaa, HI

www.KeepYourPower.org

PSLU Committee

From: Kelly King
Sent: Friday, November 22, 2019 1:43 PM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 22, 2019 12:17 PM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

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--
Courtney Mrowczynski
courtneymrow@gmail.com
Honolulu, 96816

www.KeepYourPower.org

PSLU Committee

From: Kelly King
Sent: Monday, November 25, 2019 8:25 AM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 22, 2019 4:05 PM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

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--
Audrey Lee
aelee888@gmail.com
Honolulu, HI
Honolulu

PSLU Committee

From: Kelly King
Sent: Monday, November 25, 2019 8:25 AM
To: PSLU Committee
Subject: FW: Stop Giant 4G/5G Drones Until Health & Environment Effects Are Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Friday, November 22, 2019 4:05 PM
To: dbedt.luc.web@hawaii.gov; Kelly King <Kelly.King@mauicounty.us>; Keani N. Rawlins <Keani.Rawlins@mauicounty.us>; Tasha A. Kama <Tasha.Kama@mauicounty.us>; Riki Hokama <Riki.Hokama@mauicounty.us>; Alice L. Lee <Alice.Lee@mauicounty.us>; Mike J. Molina <Mike.Molina@mauicounty.us>; Tamara A. Paltin <Tamara.Paltin@mauicounty.us>; Shane M. Sinenci <Shane.Sinenci@mauicounty.us>; Yukilei Sugimura <Yukilei.Sugimura@mauicounty.us>
Cc: info@keepyourpower.org; Mayors.Office@co.maui.hi.us
Subject: Stop Giant 4G/5G Drones Until Health & Environment Effects Are Studied

Attn: Land Use Commission. Stop Giant 4G/5G Drones Until Proven Safe

Secretive, experimental, high altitude technology (massive drones, pseudo-satellites, huge helium balloons, etc.) with 4G/5G wireless communication payloads that beam toxic wireless radiation deep into land and ocean, into all life forms, should not be allowed in Hawai'i airspace.

Thousands of peer reviewed research studies www.BioInitiative.org show the negative health effects of radiation from wireless technologies. 5G especially is an alarming health hazard www.5GSpaceAppeal.org/the-appeal

Wireless technology poses significant harm to humans, animals, marine life, and the environment. We do not consent to this harmful and invasive technology. We respectfully ask you to please protect the Hawaiian islands, follow the Precautionary Principle and ban this technology from Hawai'i airspace unless it can be proven safe.
www.KeepYourPower.org/drone

--
Audrey Lee
aelee888@gmail.com
Honolulu, HI
Honolulu

PSLU Committee

From: Kelly King
Sent: Monday, November 25, 2019 8:26 AM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Saturday, November 23, 2019 12:21 AM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

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We do not consent to this involuntary exposure of wireless radiation. We respectfully demand the state of Hawaii place a moratorium on any 5G infrastructure until independent scientific studies are completed and show this technology poses no harm to humans, animals, or to the environment.

--
Hansen Meredith
mere.hansen@yahoo.com
honolulu, hi

www.KeepYourPower.org

PSLU Committee

From: Kelly King
Sent: Monday, November 25, 2019 8:30 AM
To: PSLU Committee
Subject: FW: Stop 5G Until Health & Environment Effects Can Be Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Saturday, November 23, 2019 8:53 PM
To: david.y.ige@hawaii.gov; consumeradvocate@dcca.hawaii.gov; sens@capitol.hawaii.gov; reps@capitol.hawaii.gov; Sarah_Kaopuiki@schatz.senate.gov; Mayors.Office@co.maui.hi.us; Kelly King <Kelly.King@mauicounty.us>; mayor@kauai.gov; ajkaneshiro@kauai.gov; aaron.chung@hawaiicounty.gov; Ikaika Anderson <ianderson@honolulu.gov>
Cc: info@keepyourpower.org
Subject: Stop 5G Until Health & Environment Effects Can Be Studied

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--
Chad Odom
chaddavidodom@gmail.com
Kaneohe, HI
No 5G in Hawaii!

PSLU Committee

From: Kelly King
Sent: Monday, November 25, 2019 8:31 AM
To: PSLU Committee
Subject: FW: Stop Giant 4G/5G Drones Until Health & Environment Effects Are Studied

With Aloha,

Office of Council Chair Kelly T. King
South Maui Residency
Office: 808.270.7108
200 South High Street, 7th Fl
Wailuku HI 96793
mauicounty.us

-----Original Message-----

From: Signatory <petitions@keepyourpower.org>
Sent: Sunday, November 24, 2019 2:35 PM
To: dbedt.luc.web@hawaii.gov; Kelly King <Kelly.King@mauicounty.us>; Keani N. Rawlins <Keani.Rawlins@mauicounty.us>; Tasha A. Kama <Tasha.Kama@mauicounty.us>; Riki Hokama <Riki.Hokama@mauicounty.us>; Alice L. Lee <Alice.Lee@mauicounty.us>; Mike J. Molina <Mike.Molina@mauicounty.us>; Tamara A. Paltin <Tamara.Paltin@mauicounty.us>; Shane M. Sinenci <Shane.Sinenci@mauicounty.us>; Yukilei Sugimura <Yukilei.Sugimura@mauicounty.us>
Cc: info@keepyourpower.org; Mayors.Office@co.maui.hi.us
Subject: Stop Giant 4G/5G Drones Until Health & Environment Effects Are Studied

Attn: Land Use Commission. Stop Giant 4G/5G Drones Until Proven Safe

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www.KeepYourPower.org/drone

--
Pamela Roesch
plrpfam@yahoo.com
Kahana, HI
We Don't Want Drones Nor Radiation!!