

(LED)STREET LIGHTS 5G **ILLEGAL** **UNLAWFUL** DEPLOYMENT

AN **INDICTABLE CRIME** A SHIFT
IN **NEW** PRODUCT DEVELOPMENT

IGNORING SCIENCE – STANDARDS AND LAW

NO

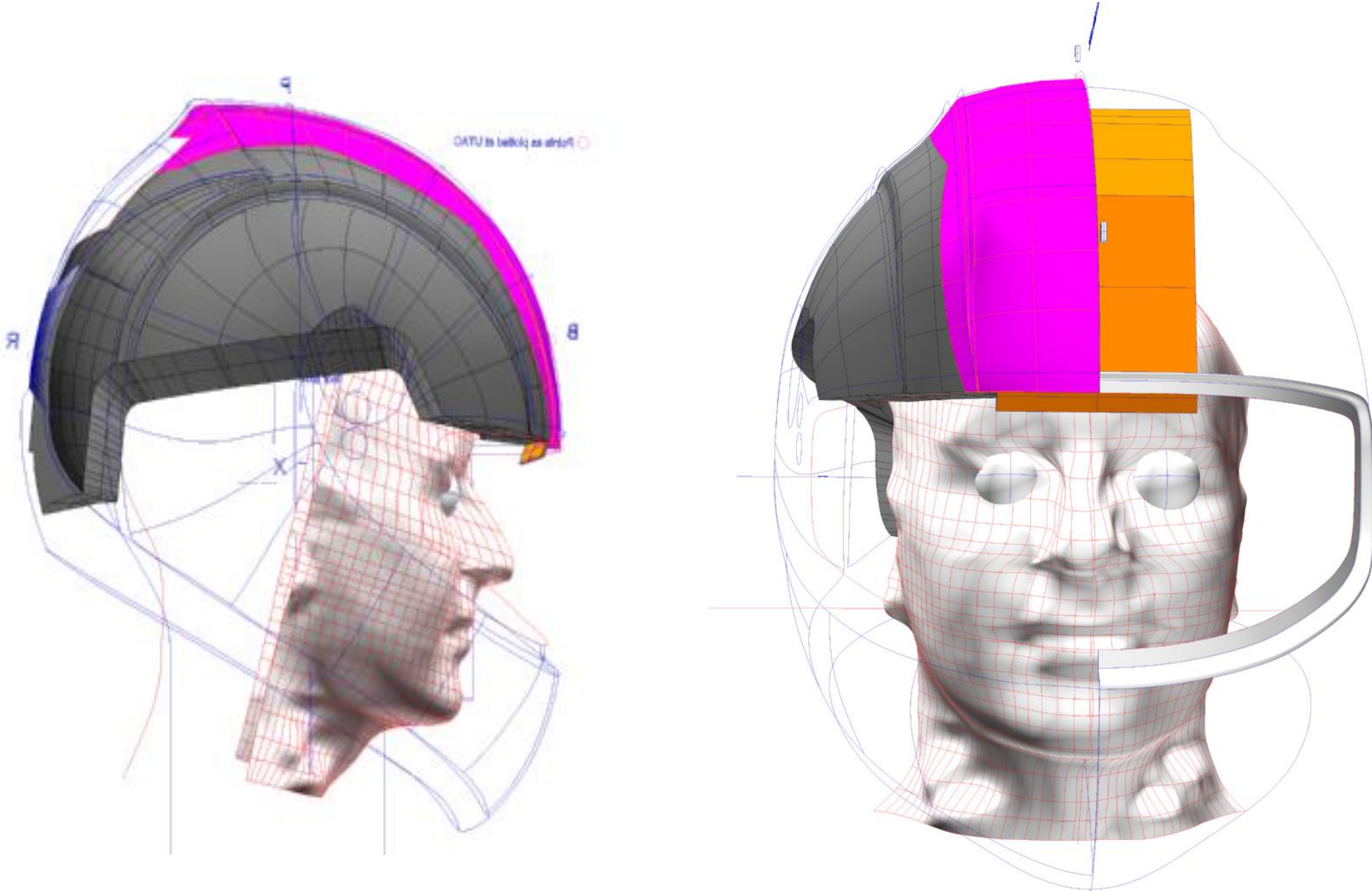
SAFETY OR RISK ASSESSMENT. E-L-E

BATTLE FIELD TO CIVI STREET TECHNOLOGY **UNINSURABLE**

www.saveusnow.org.uk

INVENTIONS A BINOCULAR WAVE GUIDE THAT REDUCES
OPTICAL RADIATION A CLASSIFIED HAZARD

RISK SO THAT IMAGES CAN BE FOCUSED AT THE NEAR EYE AREA THROUGH ATTENUATION AND FOCAL LENGTH



PRODUCT DEVELOPMENT ONE AND ONLY UN ECE 22.05 / DOT / ACU RACING FULLY ACCREDITED AND INTERNATIONALLY CERTIFIED – IT'S THE LAW

RV MSX1 MOTORSPORTS HELMET WITH A HEAD UP DISPLAY SYSTEM



TESTING LIGHT IS A BIOLOGICAL HAZARD FOR RETINA DISPLAY AND THE REASON THIS PRODUCT IS
RISK ASSESSED

560nm GREEN PART OF THE SPECTRUM USED IN THIS HUD SYSTEM FOR A PILOT



SCIENCE RETINA CELL VIABILITY FROM NON THERMAL OPTICAL RADIATION EXPOSURE IN BLUE - FULL SPECTRUM
NON IONZING OPTICAL RADIATION HAZARDS
FREQUENCY SPECIFIC NOT POWER DEPENDENT LED BLUE PHOTO TOXIC LIGHT SPECTRUM

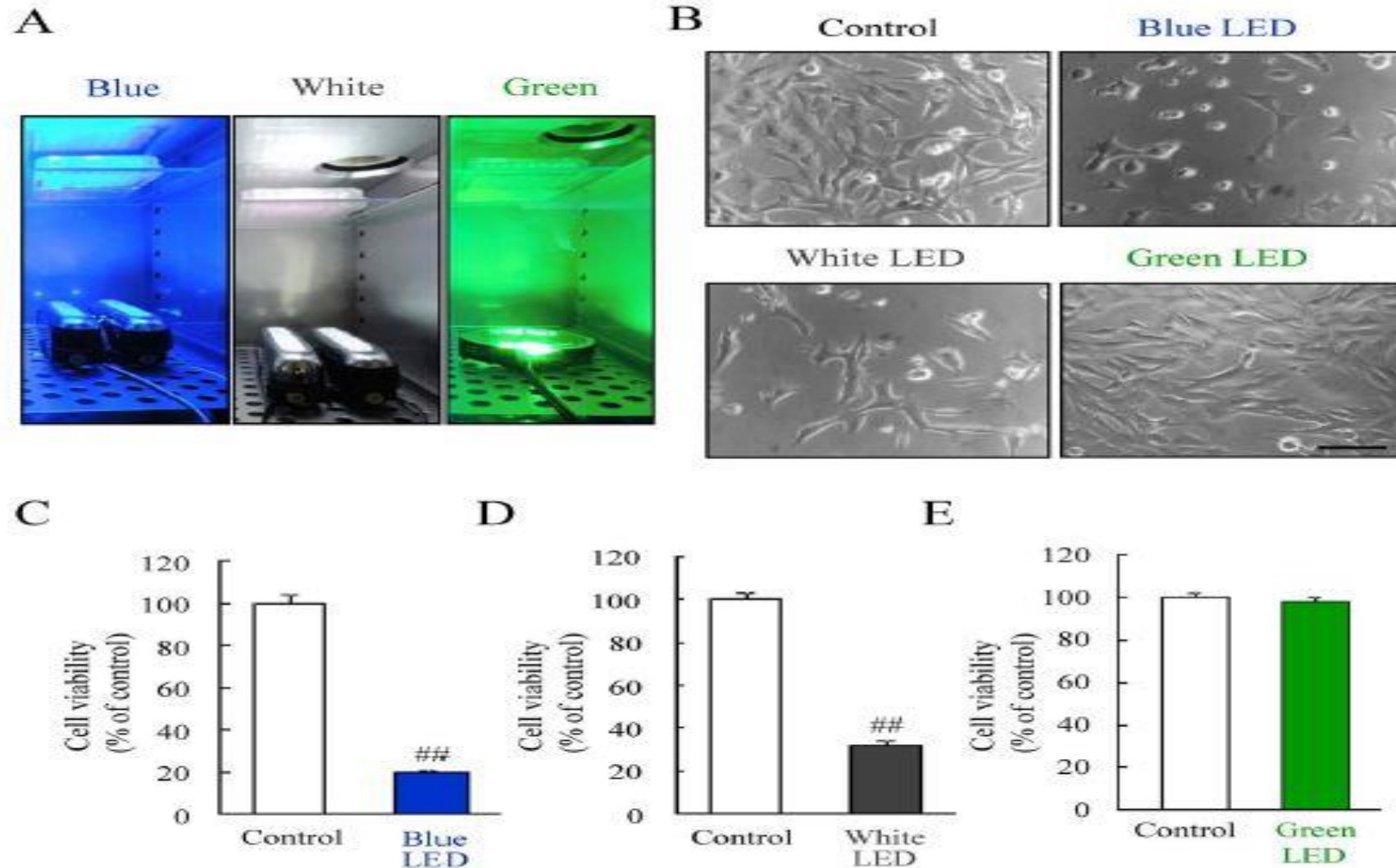
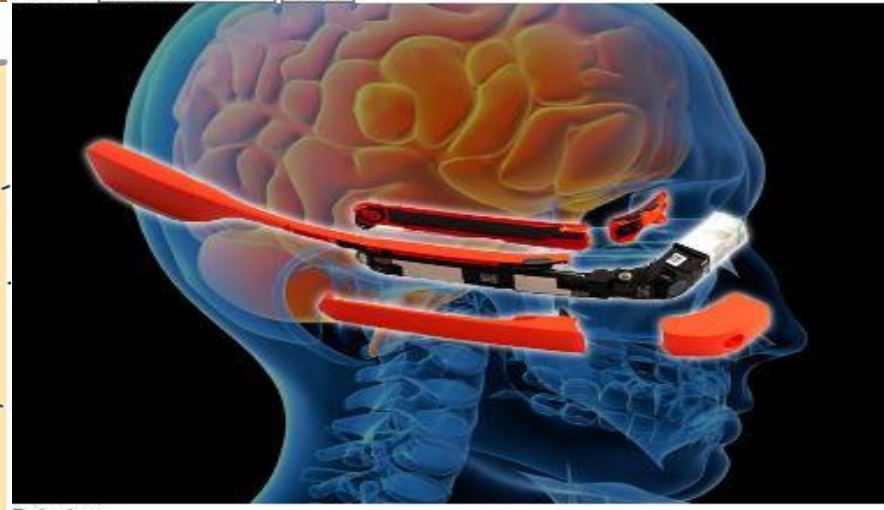
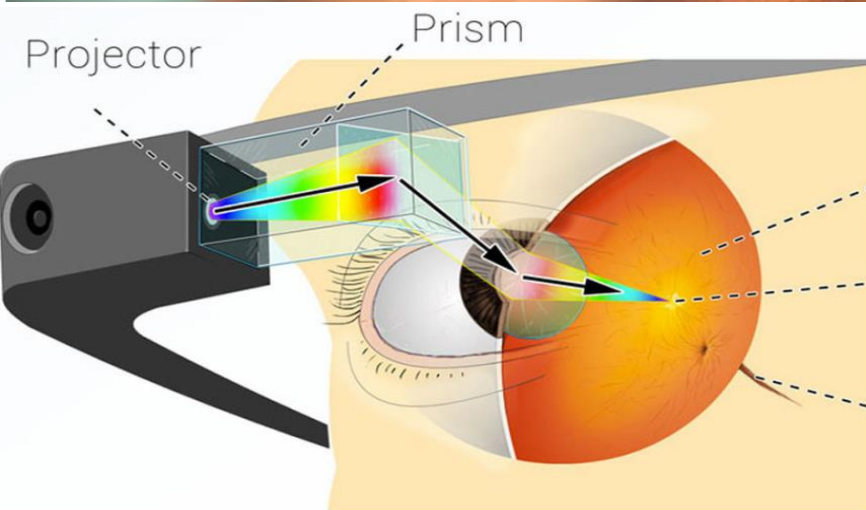
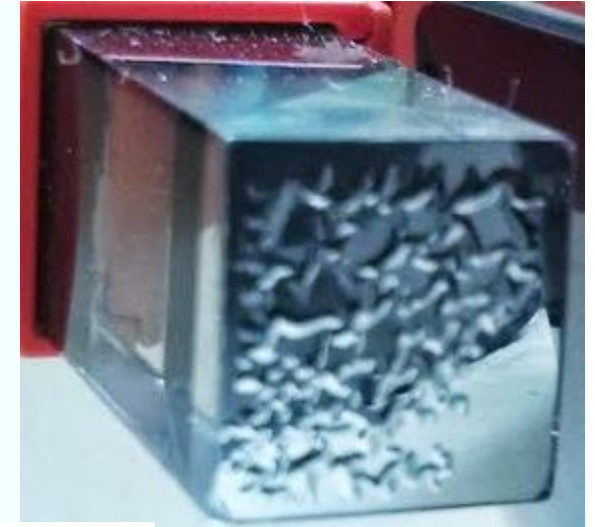
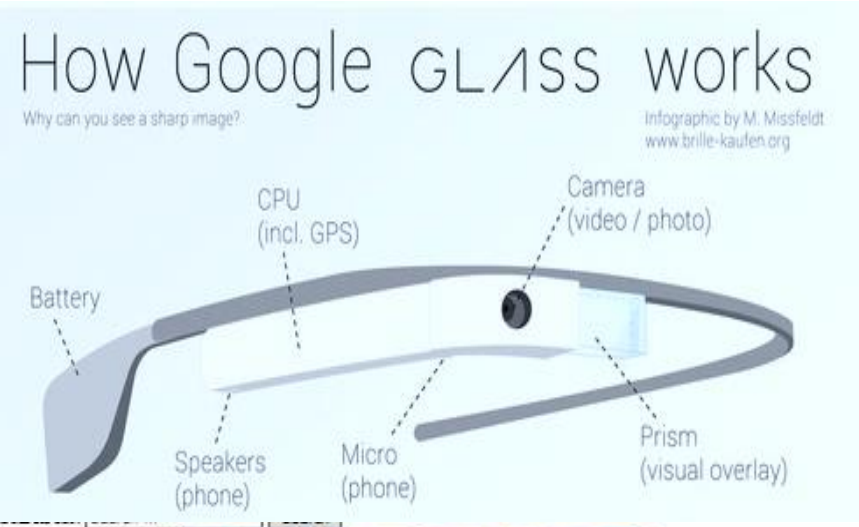
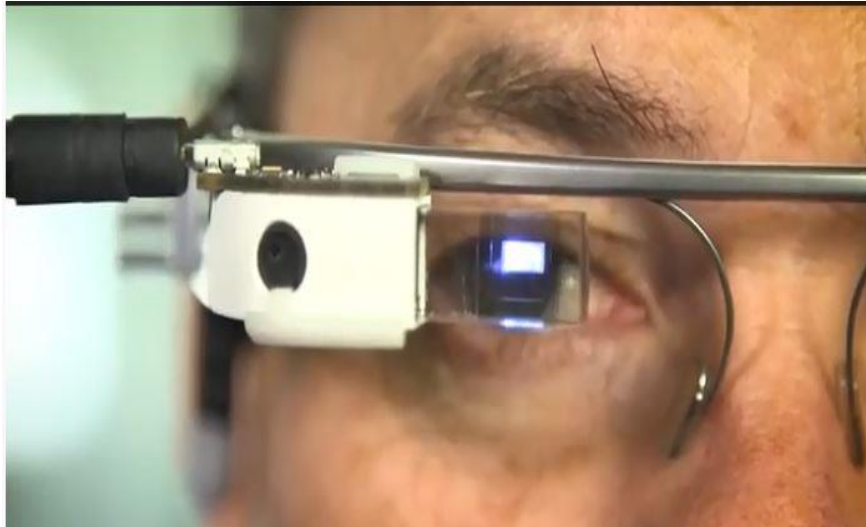


Figure 1 | The effects of blue, white, and green LED lights on the cell viability. (A) The exposure of blue, white, and green LED light to cells.

KILLER TECH ANTENNA EXPOSURE = 1.6 W/kg 6 MIN MAX - 300MHz 1.2 μ eV– 300GHz = 1.2meV max

ACUTE NOT CHRONIC

PULSED (30 to 60 minutes of exposure) 390nm – 750nm Photon 770 THz 3.1eV – 400 THz 1.7eV



Technology

Understanding The Health Risk of Google Glass EMF Emissions

MORE KILLER TECH - VIRTUAL REALITY OPTICAL RADIATION HAZARD 5G LATENCY LINK VR TEST CENTRE GATESHEAD - S. KOREA SWITCH ON FRIDAY APRIL 5TH 2019 OXIDATIVE STRESS RETINAL CELL DAMAGE – CNS CANCER – CHILDREN HIGH RISK

Business ▸ Business News ▸ Gateshead

Virtual reality centre of excellence launches in Gateshead

VRTGO Labs is the result of a progressive strategy from Gateshead Council, focused on nurturing emerging technologies

Scroll down for video



The new system allows an entire classroom to don headsets and take part in the same VR experience, controlled by a teacher.

Based on Google's Cardboard VR headset, the search giant said it hoped hundreds of schools would use the system when it is available later this year.

Clay Bavor of Google revealed over 1m people had used Cardboard, its low cost viewer that uses a mobile phone.

HOW IT WILL WORK

Google will supply schools with a large box containing dozens of the cardboard headsets and phones needed to use them.

From a control tablet, teachers can control what each pupil sees, taking them on guided

HOME / CIVIC / BUSINESS NEWS

S. Korea Launches 5G Smartphone Networks Ahead of Schedule

South Korea's telecommunications carriers have turned on super-fast 5G mobile internet networks abruptly ahead of schedule in an attempt to ensure the country becomes the first in the world to launch the services.

April 5, 2019, at 2:23 a.m.

f t @ ✉



In this Tuesday, April 2, 2019 photo, an employee of KT Corp. wears a VR device for an audio-visual experience during a press conference on 5G service at its headquarters in Seoul, South Korea. South Korea's telecommunications carriers on Wednesday, April 3, have turned on super-fast 5G mobile internet networks abruptly ahead of schedule in an attempt to

GALLERIES

POLITICS
The Women of the 116th Congress



STREET LIGHTING OPTICAL RADIATION SPECTRAL IMBALANCE VARIABLE PULSE MODULATION AND PD CONTROL
BLUE LED PHOTOTOXICITY AND CIRCADIAN RHYTHM DISRUPTION
NEGATIVE FETAL DEVELOPMENT - AMA. ANSES. SCHEER. PHE OBLIGATION TO WARN **RISK GROUP 2**





UNCONTESTED SCIENTIFIC PAPERS ON THE HAZARDS FROM LED BLUE LIGHT RADIATION EXPOSURES EXPERIMENTAL TECHNOLOGIES

CELL DEATH (APOPTOSIS) - IN BREACH OF THE AMD & BLINDNESS ESPECIALLY IN CHILDREN

SCIENTIFIC REPORTS



OPEN Blue light excited retinal intercepts cellular signaling

Kasun Ratnayake , John L. Payton, O. Harshana Lakmal & Ajith Karunaratne 

Photoreceptor chromophore, 11-cis retinal (11CR) and the photoproduct, all-trans retinal (ATR), are present in the retina at higher concentrations and interact with the visual cells. Non-visual cells in the body are also exposed to retinal that enters the circulation. Although the cornea and the lens of the eye are transparent to the blue light region where retinal can absorb and undergo excitation, the reported phototoxicity in the eye has been assigned to lipophilic non-degradable materials known as lipofuscins, which also includes retinal condensation products. The possibility of blue light excited retinal interacting with cells; intercepting signaling in the presence or absence of light has not been explored. Using live cell imaging and optogenetic signaling control, we uncovered that blue light-excited ATR and 11CR irreversibly change/distort plasma membrane (PM) bound phospholipid; phosphatidylinositol 4,5 bisphosphate (PIP2) and disrupt its function. This distortion in PIP2 was independent of visual or non-visual G-protein coupled receptor activation. The change in PIP2 was followed by an increase in the cytosolic calcium, excessive cell shape change, and cell death. Blue light alone or retinal alone did not perturb PIP2 or elicit cytosolic calcium increase. Our data also suggest that photoexcited retinal-induced PIP2 distortion and subsequent oxidative damage incur in the core of the PM. These findings suggest that retinal exerts light sensitivity to both photoreceptor and non-photoreceptor cells, and intercepts crucial signaling events, altering the cellular fate.

Received: 26 March 2018

Accepted: 8 June 2018

Published online: 05 July 2018

OPEN

Damage of photoreceptor-derived cells in culture induced by light emitting diode-derived blue light

SUBJECT AREAS:
STRESS SIGNALLING
CELL DEATH

Yoshiki Kuse, Kenjiro Ogawa, Kazuhiro Tsuruma, Masamitsu Shimazawa & Hideaki Hara

Received
24 January 2014

Accepted
21 May 2014

Published
9 June 2014

Molecular Pharmacology, Department of Biofunctional Evaluation, Gifu Pharmaceutical University, 1-25-4 Daigaku-nishi, Gifu 501-1196, Japan.

Correspondence and requests for materials should be addressed to H.H. (hidehara@gifu-pu.ac.jp)

Our eyes are increasingly exposed to light from the emitting diode (LED) light of video display terminals (VDT) which contain much blue light. VDTs are equipped with televisions, personal computers, and smart phones. The present study aims to clarify the mechanism underlying blue LED light-induced photoreceptor cell damage. Murine cone photoreceptor-derived cells (661 W) were exposed to blue, white, or green LED light (0.38 mW/cm²). In the present study, blue LED light increased reactive oxygen species (ROS) production, altered the protein expression level, induced the aggregation of short-wavelength opsins (S-opsin), resulting in severe cell damage. While, blue LED light damaged the primary retinal cells and the damage was photoreceptor specific. N-Acetylcysteine (NAC), an antioxidant, protected against the cellular damage induced by blue LED light. Overall, the LED light induced cell damage was wavelength-, but not energy-dependent and may cause more severe retinal photoreceptor cell damage than the other LED light.

THE LAW HEALTH AND SOCIAL CARE ACT 2012 - SECRETARY OF STATE'S DUTY AS TO PROTECTION OF PUBLIC HEALTH

5G IS NOT TESTED AS IT FAILS THE GUIDELINES STANDARDS AND TESTS

UNCONTESTED PUBLISHED RESEARCH - LED STREET LIGHT POSE BIOLOGICAL HAZARD - 2005 TUMOURIGENESIS

www.jcb.com

Highways

PART OF TRANSPORT NETWORK

Home Magazine News Editorial Board Highways Directory Advertising Events Podcasts Jobs

Most Popular News

Surrey seeks market help with rethink of £615m highways services

Local authorities 'at risk' of failing statutory road safety duties

Analysis: The Govt must stay the course and not let this sector go backwards

Limited visibility: How do we model for a net zero future?

DfT allocates £37m to EV innovation winners

JOBS

Public Health England issues LED street lighting warning

03/04/2018

Public Health England has warned that high levels of blue light in LED street lighting can be uncomfortable and are 'known to cause damage to the retina'.

The executive agency of the Department of Health also suggested that 'daylight-running lights on cars' can mean that older drivers 'will be dazzled by oncoming vehicles with the risk that they may not see hazards until too late' - a problem exacerbated by fog.

LED street lights have been used to replace older forms of street lighting across the UK as they are much cheaper to run, easier to control and can have less light dispersal.

However John O'Hagan of Public Health England warned that social and health factors should be considered, as well as financial.



UNIVERSITY OF
EXETER

Home | Contact us | Staff | Students | MyExeter (Staff) | Exeter (Students) | Site map | 中文页

Studying Research Business Working here Alumni and supporters Our departments Visiting us About us

Home > News and events > News > Featured news > "Blue light" of LED streetlights linked to breast and prostate cancer

News
Research news
University news
Student news
Staff news channels
International news
Business news

News archive

Events

Awards

The Exeter blog

Contact the Press Office

Higher education news links

"Blue light" of LED streetlights linked to breast and prostate cancer

The "blue light" emitted by street lights including LEDs, and commercial outdoor lighting such as advertising, is linked to a significant increase in the risk of breast and prostate cancer, innovative new research has concluded.

A study led by the Barcelona Institute for Global Health (ISGlobal) and involving the University of Exeter found that participants living in large cities with heavy exposure to blue lights at night had double the risk of prostate cancer and 1.5 times higher risk of breast cancer. This was compared to populations with less exposure to blue light.

Older lighting schemes emit a glow within the "orange" spectrum, but new modern lighting creates a bright "blue" light emission. The researchers found the bluer the light emission that people in large cities were exposed to, the higher the risk of cancer. The study also found that people who lived in homes with darker rooms, by using window shutters for example, had lower risk than those who did not.

The study, published in *Environmental Health Perspectives* includes medical and epidemiological data of more than 4,000 people between 20 and 85 years of age in 11 Spanish regions. It particularly examined Madrid and Barcelona. Indoor exposure to artificial light was determined through personal questionnaires. In the first study of its kind, outdoor levels of artificial light were evaluated based on night-time images taken by astronauts aboard the International Space Station.



New research suggests a link between the "blue light" emitted by street lights and an increased risk of certain cancers

"Provision for protection or improvement of public health

2A Secretary of State's duty as to protection of public health

- (1) The Secretary of State must take such steps as the Secretary of State considers appropriate for the purpose of protecting the public in England from disease or other dangers to health.
- (2) The steps that may be taken under subsection (1) include—
 - (a) the conduct of research or such other steps as the Secretary of State considers appropriate for advancing knowledge and understanding;
 - (b) providing microbiological or other technical services (whether in laboratories or otherwise);
 - (c) providing vaccination, immunisation or screening services;
 - (d) providing other services or facilities for the prevention, diagnosis or treatment of illness;
 - (e) providing training;
 - (f) providing information and advice;
 - (g) making available the services of any person or any facilities.
- (3) Subsection (4) applies in relation to any function under this section which relates to—
 - (a) the protection of the public from ionising or non-ionising radiation, and
 - (b) a matter in respect of which the Health and Safety Executive has a function.
- (4) In exercising the function, the Secretary of State must—
 - (a) consult the Health and Safety Executive, and
 - (b) have regard to its policies."

12 Duties as to improvement of public health

After section 2A of the National Health Service Act 2006 insert—

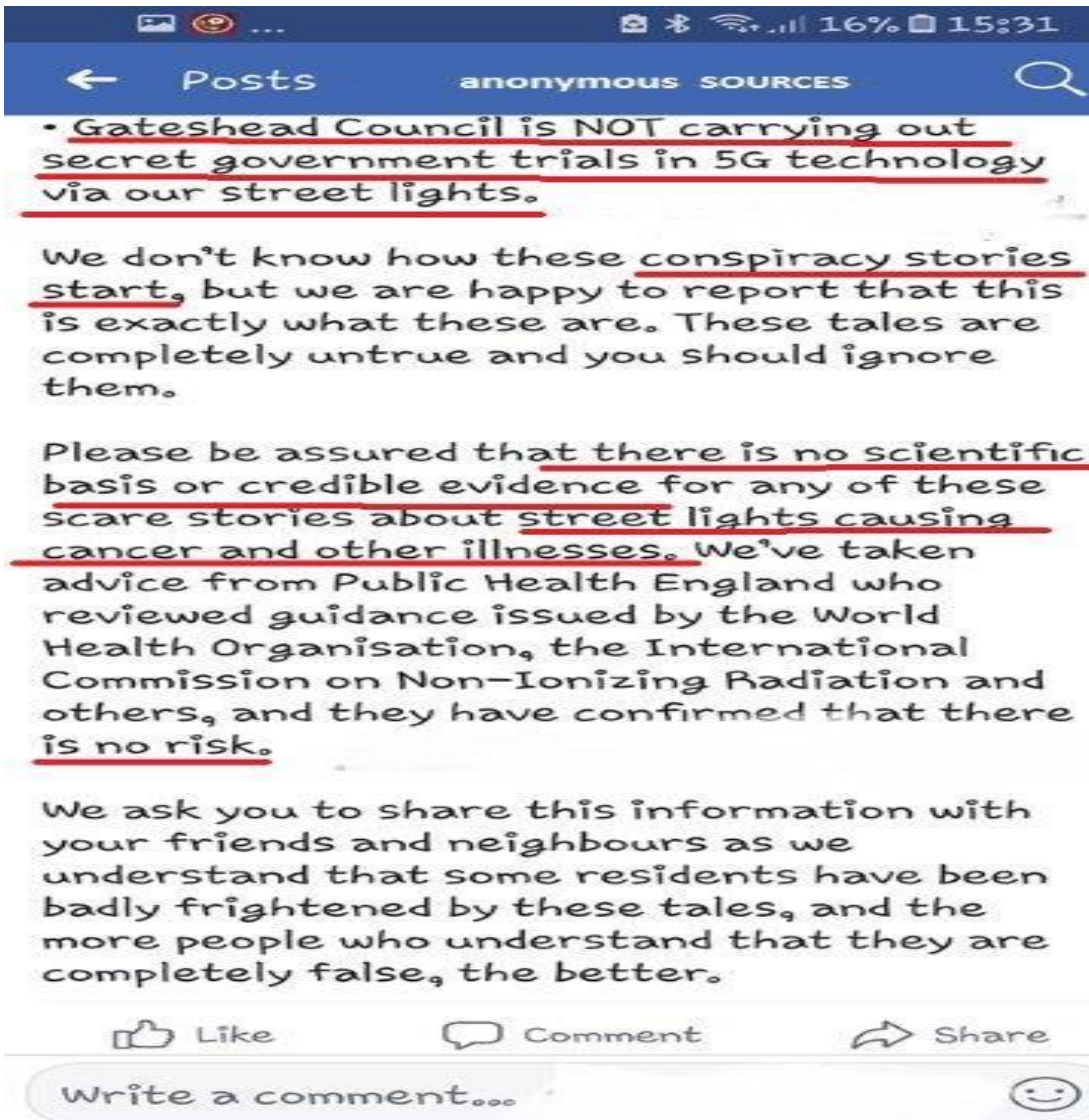
"2B Functions of local authorities and Secretary of State as to improvement of public health

- (1) Each local authority must take such steps as it considers appropriate for improving the health of the people in its area.

DECEPTION ANONYMOUS PRESS RELEASE - A FABRICATION ENTERED INTO THE COURT AS EVIDENCE

5G RISK MUST BE DEBATED – COUNCIL DENY 5G EXISTS

CONSPIRACY TO COVER UP GENOCIDE – DOES DEMOCRACY REALLY EXIST ? **WE SERVED NOTICE ON 17/07/19**



News • North East News • Science and Technology

Judge REFUSES to gag anti-5G street light campaigner, stating: 'The public have a right to know'

Gateshead Council and Mark Steele's ongoing dispute over the 'baby killing' technology takes another twist

SHARE 2623 SHARES By Ian Johnson Multimedia Journalist 09:44, 12 OCT 2018 UPDATED 13:40, 12 OCT 2018

Enter your postcode for local news and info Enter your postcode Go



MORE DECEPTION AND MISINFORMATION SENT OUT TO ELECTED COUNCILLORS MISCONDUCT IN PUBLIC OFFICE DISHONESTY AN ATTACK ON THE DEMOCRATIC PROCESS – A CRIME

Balfour Beatty Remote Controls Coventry Street Lights with Mayrise

1 Mar 11 Street lights in Coventry are being equipped with new remote monitoring technology connected to a central street lighting management system supplied by Mayrise Systems.



Following a £250 million PFI award to Balfour Beatty by Coventry City Council, the citywide installation of a centralised system will allow the automatic dimming of street lights and signs from a central control centre.

The Mayrise integrated Telensa system also allows automated fault reporting and improved asset management through the synchronisation of asset information. The 25 year project will see the replacement of 38,000 lit units over a five year period, including the introduction of energy efficient 'white lights', followed by a 20 year maintenance programme.

To manage what is thought to be first citywide installation of remote monitoring and control technology in the UK, Mayrise Systems developed a sophisticated interface between the central control system and its own street lighting management software. The state of the art system will allow lit assets to be remotely controlled with, for example, lights dimmed as the sun begins to rise or 'turned up' for public events such as football matches.

The system aims to reduce light pollution and provide significant reductions in energy consumption and carbon emissions. The system also enables automatic fault reporting potentially reducing the need for costly and timely inspections.

Balfour Beatty is already responsible for more than 115,000 street lights and signs within its existing PFI Projects (Sunderland, South Tyneside and Derby) worth an estimated £198 million. "Having already achieved excellent results utilising the systems provided by Mayrise in previous PFI Projects we were keen to continue our partnership," commented Paul Stoddart, Systems, Planning and Asset Manager, Balfour Beatty Street Lighting PFI Business.



5G in a light bulb? Scientists explore LED-based 10-Gbps Li-Fi network

When connected with low-latency 5G networks, Li-Fi opens new possibilities

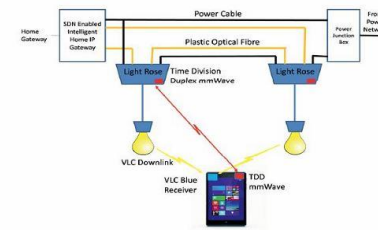
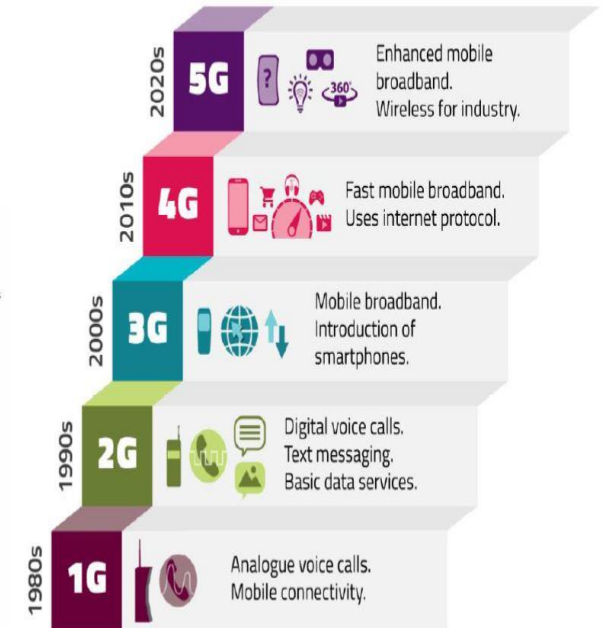


Figure 5: POF Home Network

Image source: Brunel London.



Figure 2: Generations of mobile technology



5G MICRO CELLS SUB GHZ RADAR SCANNER ANTENNA ARRAY SYSTEMS 31,875 STREET LIGHTS IN GATESHEAD

BLUE LED LIGHT EMITTERS PHOSPHOR COATINGS

DESIGNED TO RESEMBLE A LIGHT SENSOR - DISREGARD OF THE **NUREMBERG CODE**

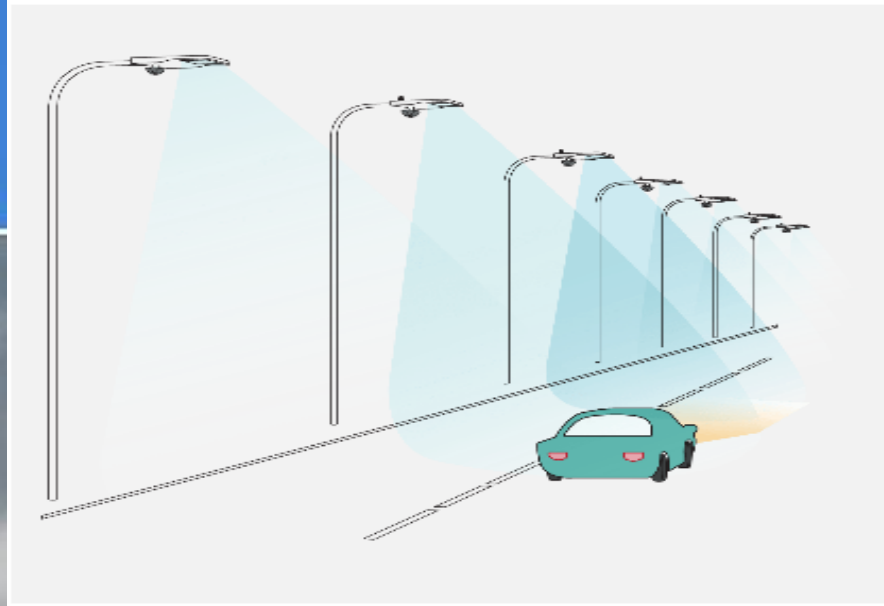


Telensa Applications Technology News Company Contact

- 1 million telecells in 8 countries
- Wide-area wireless: range up to 6 miles
- Major city coverage in 2 days
- Works with all leading manufacturers

[Learn more »](#)

Telecell	Base station	Central system
<ul style="list-style-type: none">• Discreet – looks like a regular photocell• Flexible – all variants texture independent• Accurate – utility-grade metering and GPS• Resilient – works normally without network	<ul style="list-style-type: none">• Long range radio – up to 6 miles from light pole• Compact – laptop-sized case• Fast and easy deployment• Capacity 5,000 telecells• Low-cost internet connection	<ul style="list-style-type: none">• Cloud-hosted secure system• Complete control & map view• Scales to city, region or utility lighting populations• Integrates to other systems



Motion sensor street lighting control system with radar type sensor

An intelligent motion sensor street lighting control system that automatically activates when a car or pedestrian is noticed in the area. If there is no activity in the area, the light is automatically adjusted to an optimized minimum light level. Expansion of functionality options using the multifunction radar technology.

NORTH EAST PRESS RELEASES IN LOCAL PRESS IN 2017

TEST EXPERIMENT TRIAL

THE COUNCIL SHOULD REALLY HAVE CHECKED THEIR PRESS RELEASES

News story

Friday 22 Sep 2017

North East bid to be national testbed for 5G trial

Plans to position the North East as a key focus for the UK's 5G revolution have been unveiled and will form the basis of a proposal to locate a national testbed here in the region.



[Share on Facebook](#)

[Share on Twitter](#)

[Share on LinkedIn](#)

Related areas

5G Innovation Centre

ChronicleLive

NEWS IN YOUR AREA WHAT'S ON BUSINESS NEW

BUSINESS

North East aiming to take the national lead on 5G technology

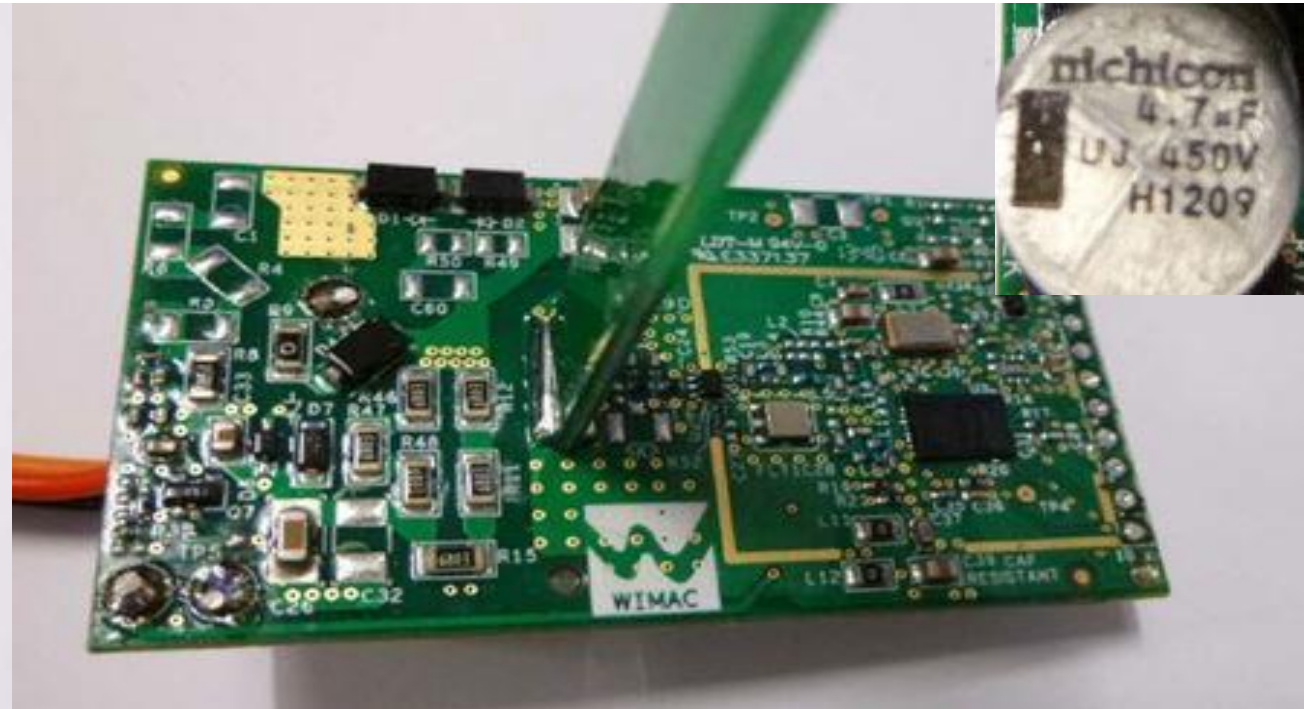
Organisations including the North East LEP are bidding to be one of the national testbeds for 5G technology

[f](#) [t](#) [p](#) [w](#)

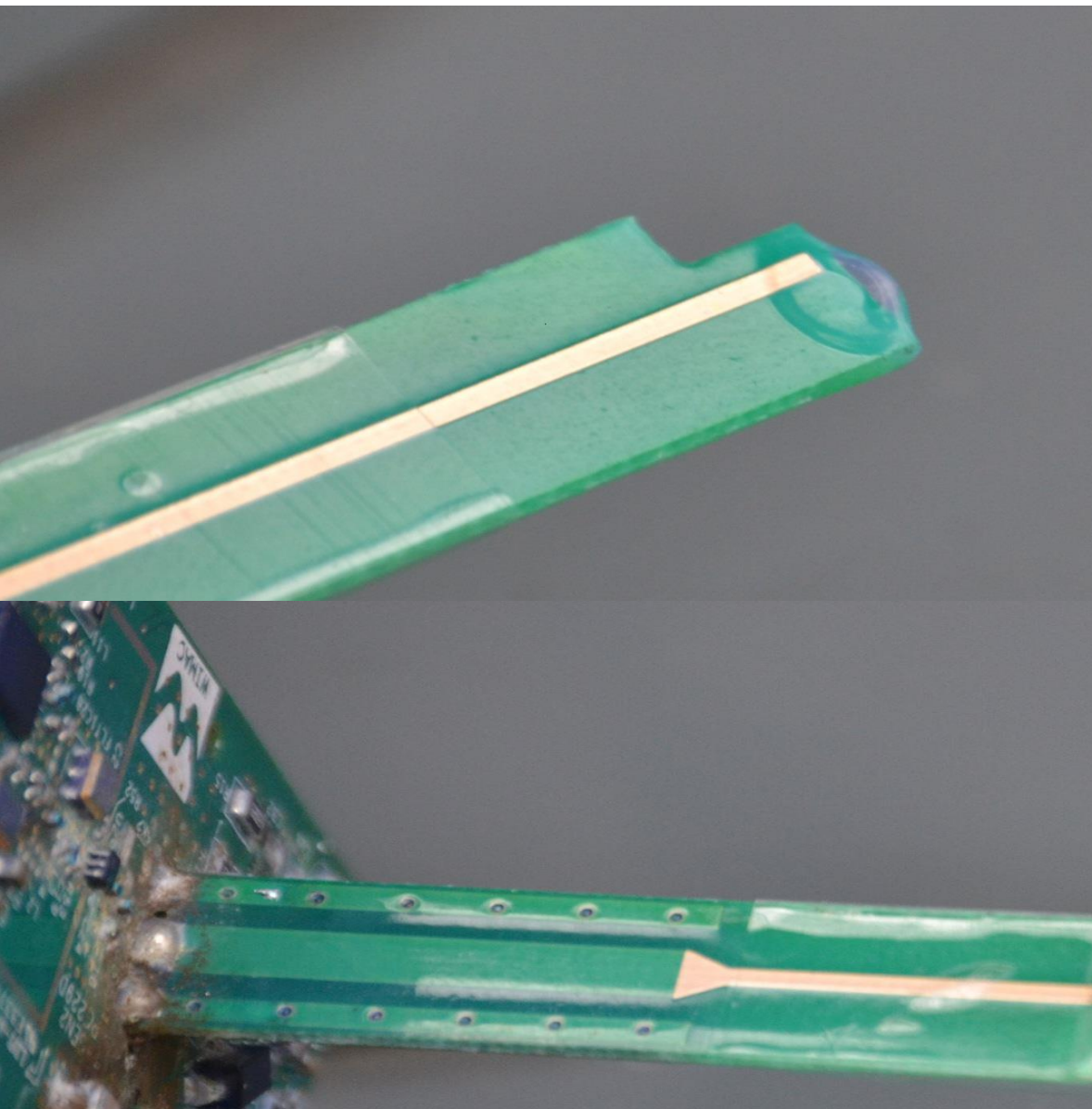
BY GRAEME WHITFIELD
14:18, 21 SEP 2017

A screenshot of a news article from ChronicleLive. The article is titled "North East aiming to take the national lead on 5G technology" and is categorized under "BUSINESS". The text states that organizations including the North East LEP are bidding to be one of the national testbeds for 5G technology. The article is by Graeme Whitfield and was published on 21 Sep 2017 at 14:18. The screenshot also shows social media sharing options for Facebook, Twitter, and LinkedIn, and a "Related areas" section with a link to "5G Innovation Centre".

5G HARDWARE LEAFNUT NODE COMPARISON TO A 10V LIGHT SENSOR CONTROLLER
STREET LIGHT 250 V - 450V HIGH VOLTAGE BOARD
NORMAL 3G - 4G COMMUNICATIONS BOARDS ARE FULLY CAPABLE 3.5V




DIRECT ENERGY WEAPON ANTENNA (RF DEWS) HPM (NN)EMP 5G ANTENNA AIM (CONVERGING LENS) SECRET WEAPONS DEPLOYMENT HPM 10MHz to 10GHz – DEFENCE SYSTEMS INFORMATION ANALYSIS CENTRE



RADIO FREQUENCY DIRECTED ENERGY WEAPONS (RF DEWS) AND EFFECTS



Distribution Statement A: Approved for public release; distribution is unlimited.



DSIAC
Defense Systems Information Analysis Center

JOHN T. TATUM
August 9, 2016

DSIAC is a DoD Information Analysis Center (IAC) sponsored by the Defense Technical Information Center (DTIC) with policy oversight provided by the Office of the Under Secretary of Defense (OUSD) for Research and Engineering (R&E). DSIAC is operated by the SURVICE Engineering Company

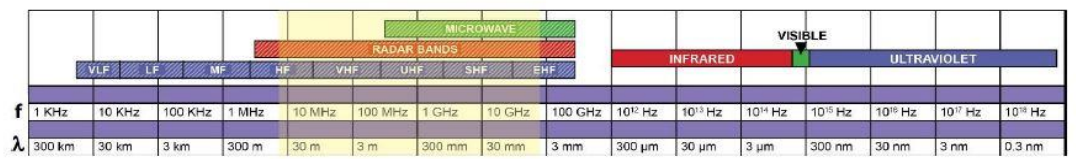



High-Power Radio Frequency/Microwave Directed Energy Weapons (HPM DEWs)

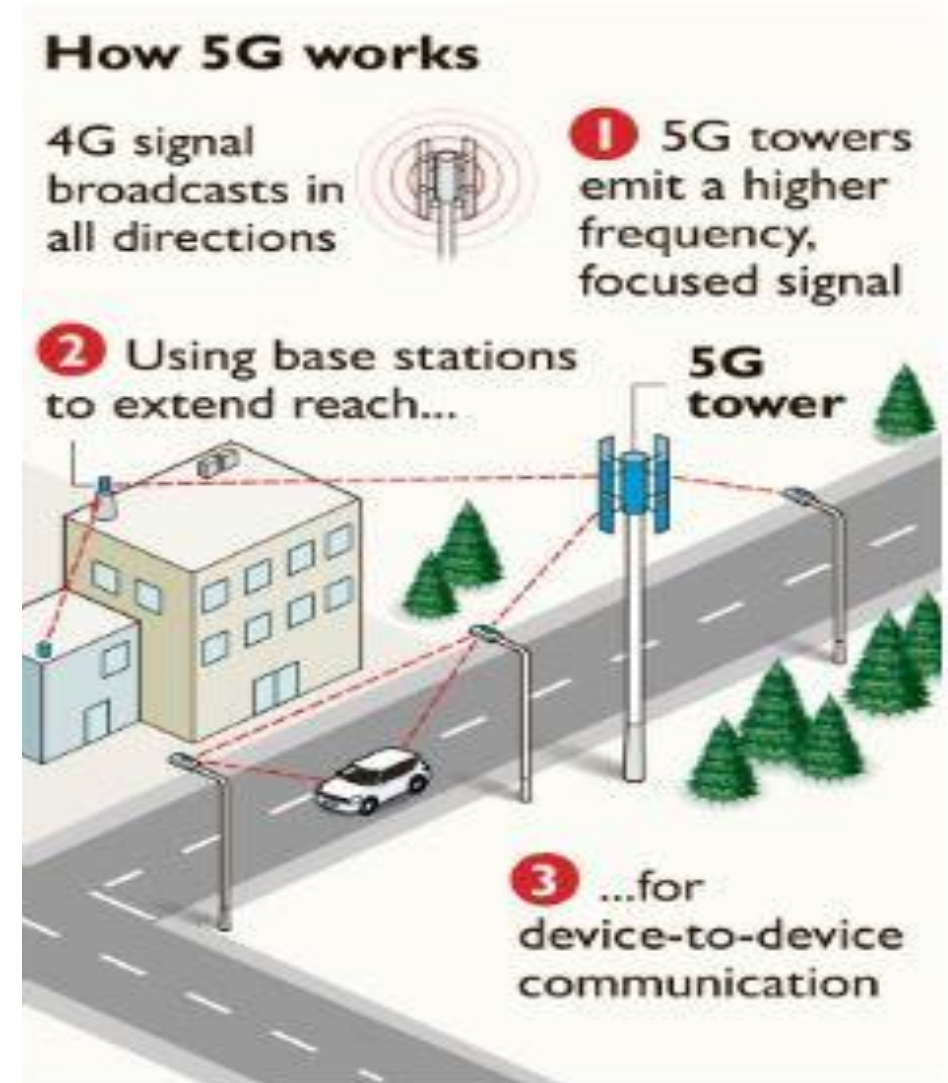
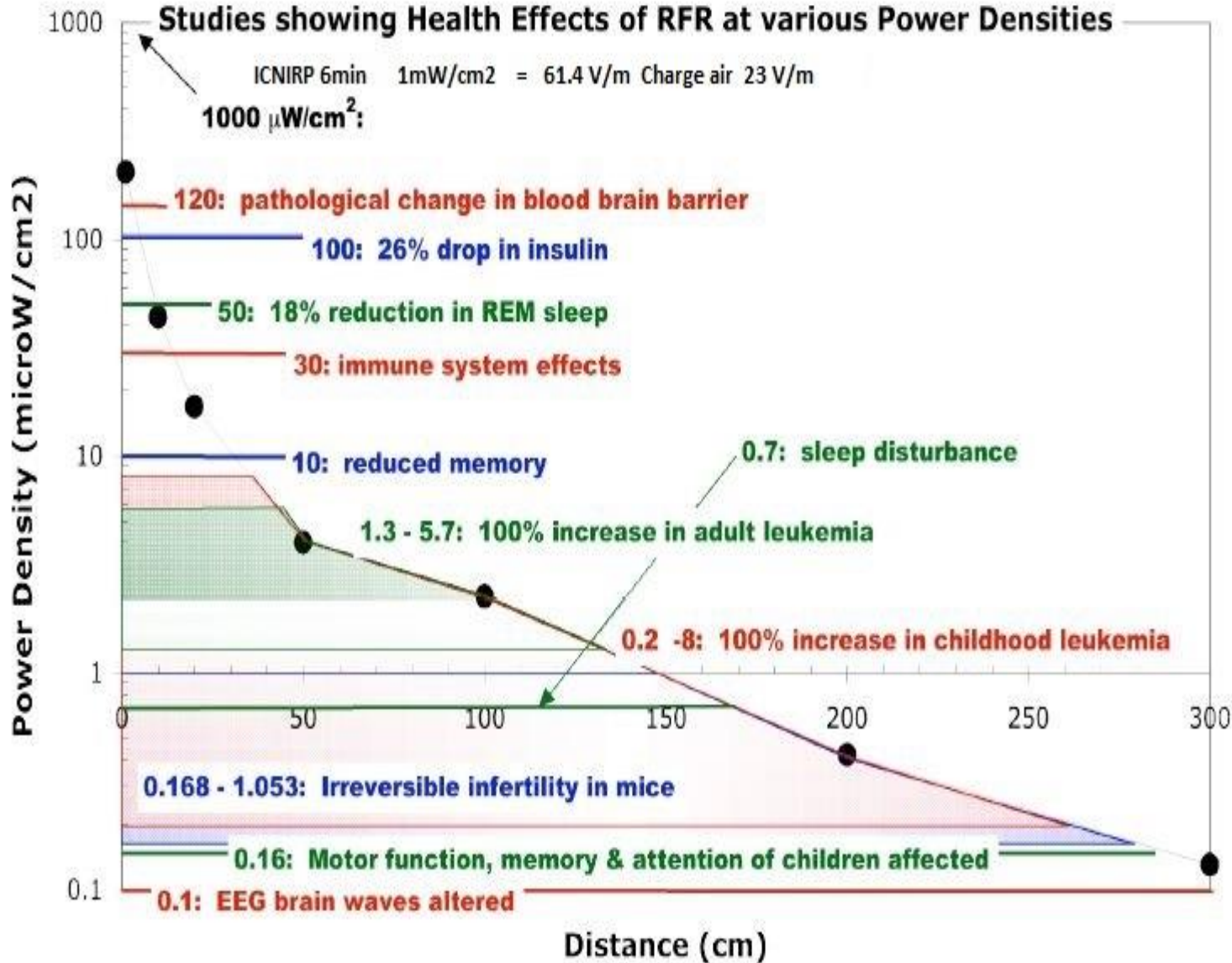
Also known as EM Weapons, RF Weapons, Non-Nuclear EM Pulse (NNEMP)

HPM DEWs Are Electromagnetic (EM) Sources That:

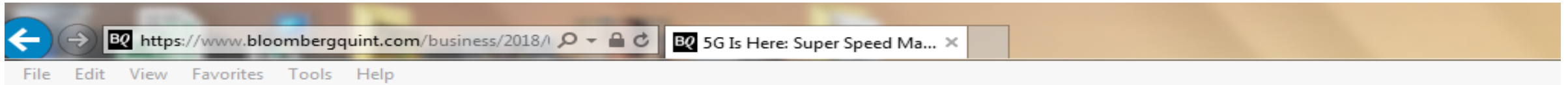
<p>Generate and Direct Intense RF/Microwave Energy at an Electronic Target</p> <ul style="list-style-type: none"> Have Peak Effective Radiated Power (ERP) of Greater Than 100 MW, or Radiated Energy of Greater Than 1 J per Pulse Range in Frequencies From HF/HF/UHF to Millimeter Wave 	<p>Attack Targets With and/or Without Intentional RF Antennas/Receiver</p>	<p>Produce Persistent Effects That Last Longer Than the Beam Is On Target (i.e., Temporary Electronic Upset and/or Damage)</p> <ul style="list-style-type: none"> "Unconventional Electronic Attack (UEA)"
--	---	--



5G ANTENNA BREACH ICNIRP GUIDELINES DUE TO FOCUSED SIGNALS THAT SHOOT SIGNALS
ADMINISTERING OF A NOXIOUS SUBSTANCE GASSING THE AIR
 FCC CHAIR WHEELER WON'T WAIT FOR THE STANDARDS FOR ANTENNA **THAT AIM**



5G WEAPON PLAIN SIGHT DEBUT TESTING TARGET ACQUIRING CAPABILITY IN THE BUILT UP URBAN CITY AREA
TARGET WILD BOAR
SOUTH KOREA EARLY COMMERCIAL USE OF THE 5G TECHNOLOGY EXTENSIVE USE ON THE BATTLEFIELD



5G Is Here: Super Speed Makes Global Debut at Olympic Games

by Sam Kim Sohee Kim

Updated on February 20 2018, 1:06PM
Published on February 12 2018, 9:00PM

(Bloomberg) -- The first to experience the future of wireless technology, well before most humans, will be South Korea's wild boars. That's because 5G, the fifth-generation wireless network, is making its worldwide debut at the Winter Olympics in Pyeongchang.

The technology will be used to ward off the porcine pests who roam the mountainous region around the Games with fast-acting systems that shoot rays, spew gases and emit tiger roars.

That's just the start of 5G -- South Korea's attempt to showcase the first-in-the-world commercial use of the technology that's not scheduled to roll out globally until 2020. At the Games, shuttle buses run with no humans at the wheel, and 360-degree images in real time show competing figure skaters as they glide around the ice.



**5G RURAL NETWORK 400,000 INCREASE DENISICATION. – SUB GHz LONG RANGE RADAR
INCREASING TEMPERATURE MICROWAVES HEAT & CHARGE AIR
CITY AND RURAL NETWORK DESTRUCTION OF BIOLOGY 5G SCANNER DEPLOYED**

The Telegraph HOME NEWS

News Science

News Science

400,000 extra phone masts needed to bring 5g network to rural Britain

share



Nearly half a million extra phone masts will be needed for the 5g network CREDIT: ALAMY

Jobs boost as defence firms look to new markets
Taking control: the defence sector has grown 10pc since 2010
Read more >

Sponsored

By Sarah Knapton, SCIENCE EDITOR
30 MARCH 2017 • 10:00PM

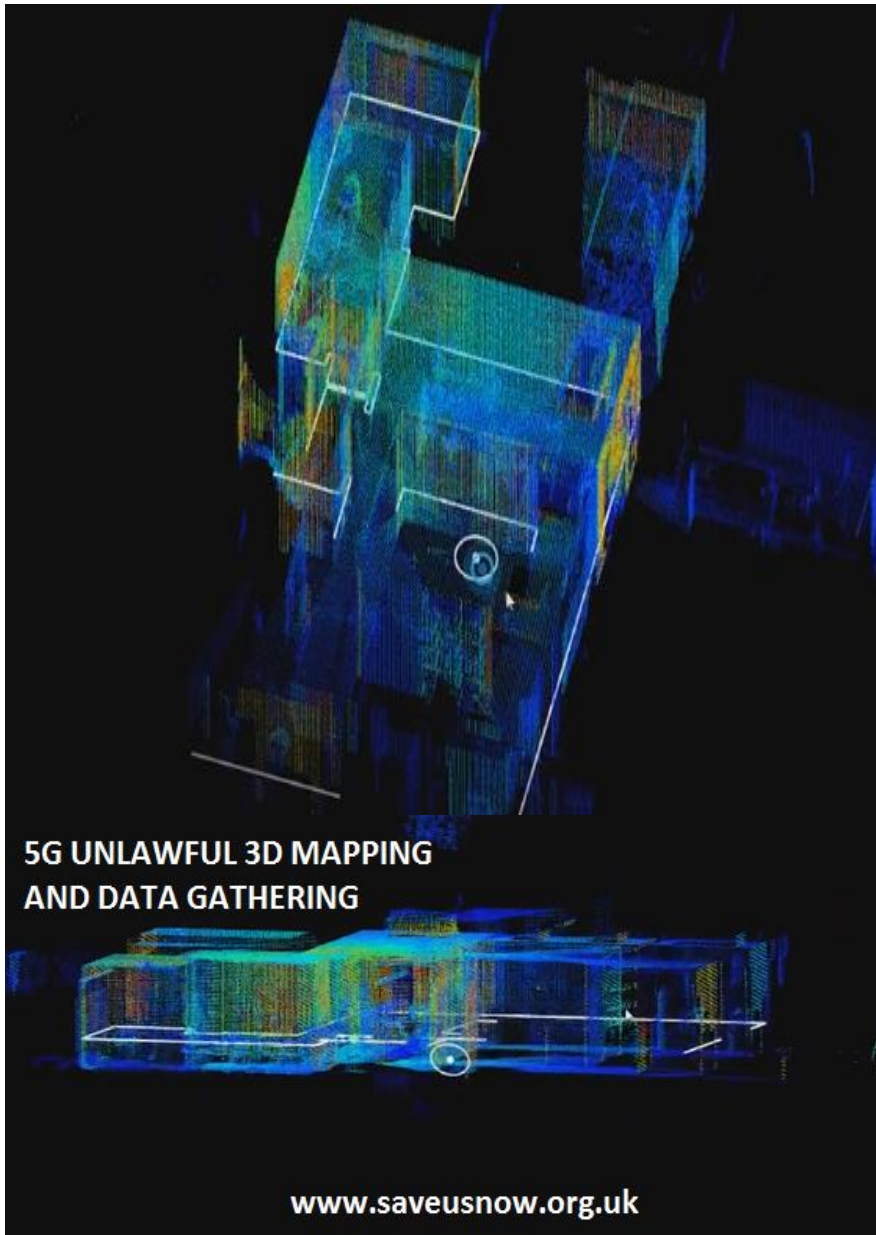


5G Antenna Design:

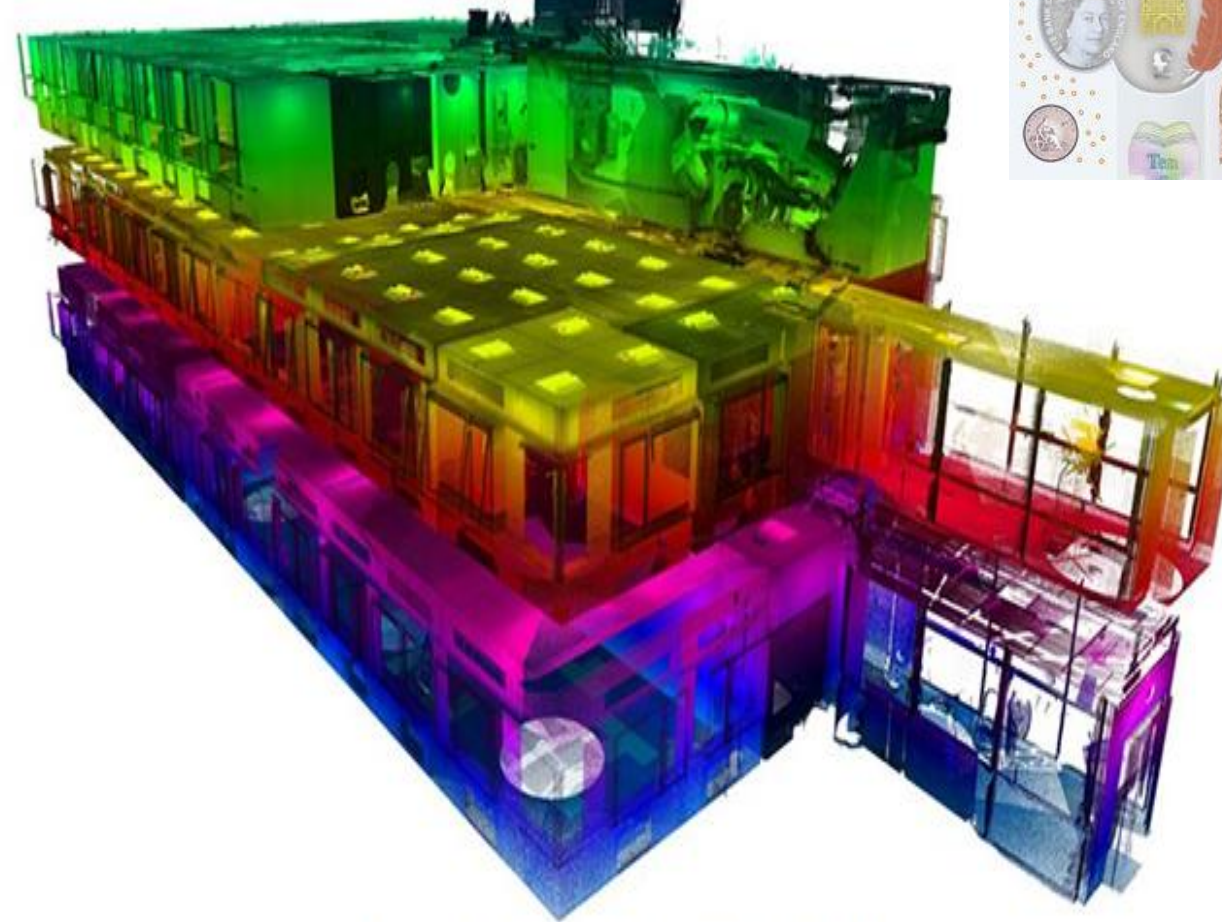
- New Radio Interface
- Arrays Instead of Single Antennas
- Beamforming & Massive MIMO

3D MAPPING CAPABILITIES FROM PHASE ARRAY ANTENNA FROM A CLASS 1 CANCER CAUSING RADIATION BILLIONS RFID TAGS

TAGGING OF MONEY PACKAGING SMART WASTE COLLECTION COMMUNICATIONS BACKHAULING DATA



MICROWAVE RADAR 3D MAPPING



www.saveusnow.org.uk



Using WiFi to see through walls

By Sebastian Anthony on August 3, 2012 at 10:39 am | 27 Comments

1.9K SHARES



British engineers from University College London have developed a passive radar system that can see through walls using the WiFi signals generated by wireless routers and access points.

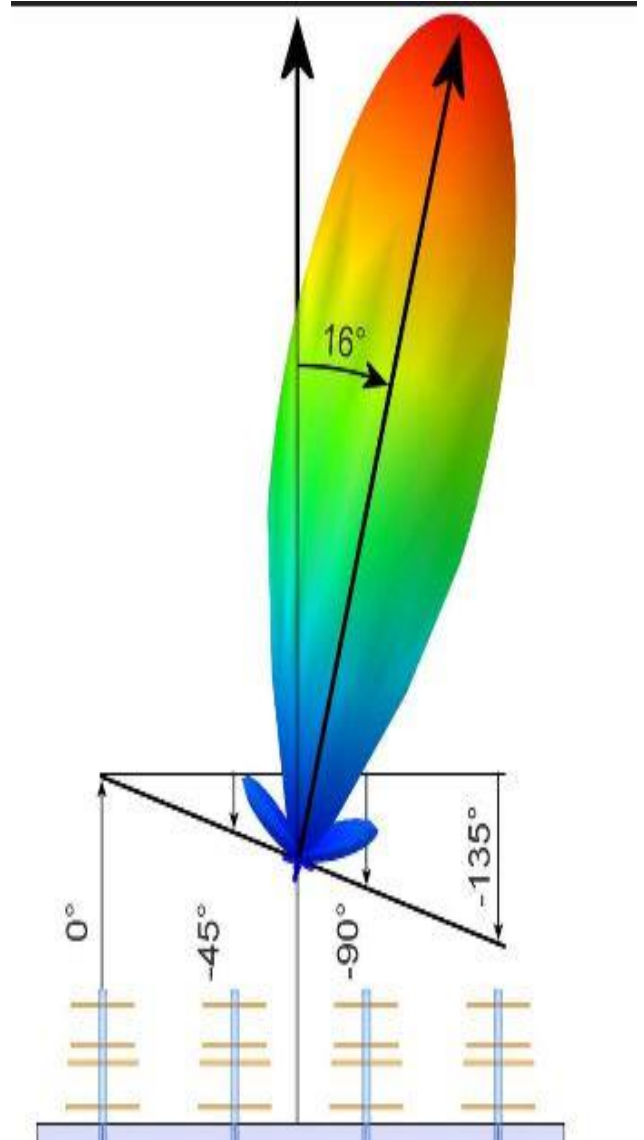
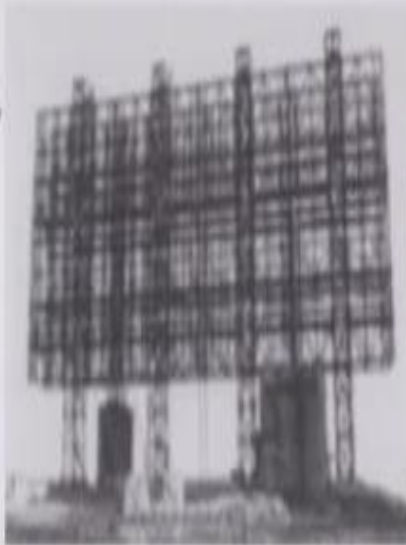
The system, devised by Karl Woodbridge and Kevin Chetty, requires two antennae and a signal processing unit (i.e. computer) and is no larger than a suitcase. Unlike normal radar, which emits radio waves and then measures any reflected signals, this new system operates in complete stealth.

The passive radar process is actually quite simple. In any space that has WiFi, you are constantly being bombarded by 2.4GHz and 5GHz radio waves. When these waves hit a moving object, their frequency is altered the Doppler effect. By carefully "sniffing" the WiFi signals, Woodbridge and Chetty are able to reconstruct an image any objects or humans that are moving on the other side of the wall.

BEAM WAVE ANTENNA DESIGN WITH HIGHLY CLASSIFIED FOCUS BEAM DATA. THE MORE
ANTENNA LETHALITY AT DISTANCE
THE MORE FOCUS AND POWERFUL PUNCH OUT SIGNAL **SIDE LOBE COLLATORAL DAMAGE**

**Mammoth
Early Warning Radar**

- 200 mile range
 - 150 MHz, 200KW, PRF 500hz,
PW 3μs, accuracy 0.5°
- 100' wide, 33' high
- 1st phased-array radar
- Operational 1942



5G WEAPONS INTERROGATION TARGET ACQUIRE SYSTEM

PHASE ARRAY BEAM RADAR

WHOLE SUITE OF (ARM) ANTI RADIATION MISSILES TO COUNTER WEAPON



ONE OF THREE PUBLISHED PEER REVIEWED PAPERS SHOW RADIO FREQUENCY RADIATION SHOULD BE RECLASSIFIED (IARC) GROUP 1

USA GOVERNMENT SET UP SPECIAL TASK FORCE 2018 TO ASSESS THE 5G THREAT



Format: Abstract

Send to

Environ Res. 2018 May;163:123-133. doi: 10.1016/j.envres.2018.01.003. Epub 2018 Feb 22.

Radio frequency radiation-related cancer: assessing causation in the occupational/military setting.

Peleg M¹, Nativ O², Richter ED³.

Author information

Abstract

BACKGROUND AND AIM: We reexamine whether radio frequency radiation (RFR) in the occupational and military settings is a human carcinogen.

METHODS: We extended an analysis of an already-reported case series of patients with cancer previously exposed to whole-body prolonged RFR, mainly from communication equipment and radar. We focused on hematolymphatic (HL) cancers. We used analysis by percentage frequency (PF) of a cancer type, which is the proportion of a specific cancer type relative to the total number of cancer cases. We also examined and analyzed the published data on three other cohort studies from similar military settings from different countries.

RESULTS: The PF of HL cancers in the case series was very high, at 40% with only 23% expected for the series age and gender profile, confidence interval CI95%: 26-56%, $p < 0.01$, 19 out of 47 patients had HL cancers. We also found high PF for multiple primaries. As for the three other cohort studies: In the Polish military sector, the PF of HL cancers was 36% in the exposed population as compared to 12% in the unexposed population, $p < 0.001$. In a small group of employees exposed to RFR in Israeli defense industry, the PF of HL cancers was 60% versus 17% expected for the group age and gender profile, $p < 0.05$. In Belgian radar battalions the HL PF was 8.3% versus 1.4% in the control battalions as shown in a causes of deaths study and HL cancer mortality rate ratio was 7.2 and statistically significant. Similar findings were reported on radio amateurs and Korean war technicians. Elevated risk ratios were previously reported in most of the above studies.

CONCLUSIONS: The consistent association of RFR and highly elevated HL cancer risk in the four groups spread over three countries, operating different RFR equipment types and analyzed by different research protocols, suggests a cause-effect relationship between RFR and HL cancers in military/occupational settings. While complete measurements of RFR exposures were not available and rough exposure assessments from patients interviews and from partial exposure data were used instead, we have demonstrated increased HL cancers in occupational groups with relatively high RFR exposures. Our findings, combined with other studies, indicate that exposures incurred in the military settings evaluated here significantly increased the risk of HL cancers. Accordingly, the RFR military exposures in these occupations should be substantially reduced and further efforts should be undertaken to monitor and measure those exposures and to follow cohorts exposed to RFR for cancers and other health effects. Overall, the epidemiological studies on excess risk for HL and other cancers together with brain tumors in cellphone users and experimental studies on RFR and carcinogenicity make a coherent case for a cause-effect relationship and classifying RFR exposure as a human carcinogen (IARC group 1).

Copyright © 2018 Elsevier Inc. All rights reserved.

ELECTROMAGNETIC DEFENSE TASK FORCE (EDTF)



2018 REPORT

Introduction to Electromagnetic Defense Task Force

The electromagnetic spectrum (EMS) is a broad area of activity characterized by physically observable activities such as visible light and lasers and unobservable phenomena such as microwaves and electromagnetic energy. EMS manifests through various frequencies and wavelengths produced by natural sources like solar storms or artificially by hardware such as radar or nuclear weapons. EMS impacts every domain of warfare.

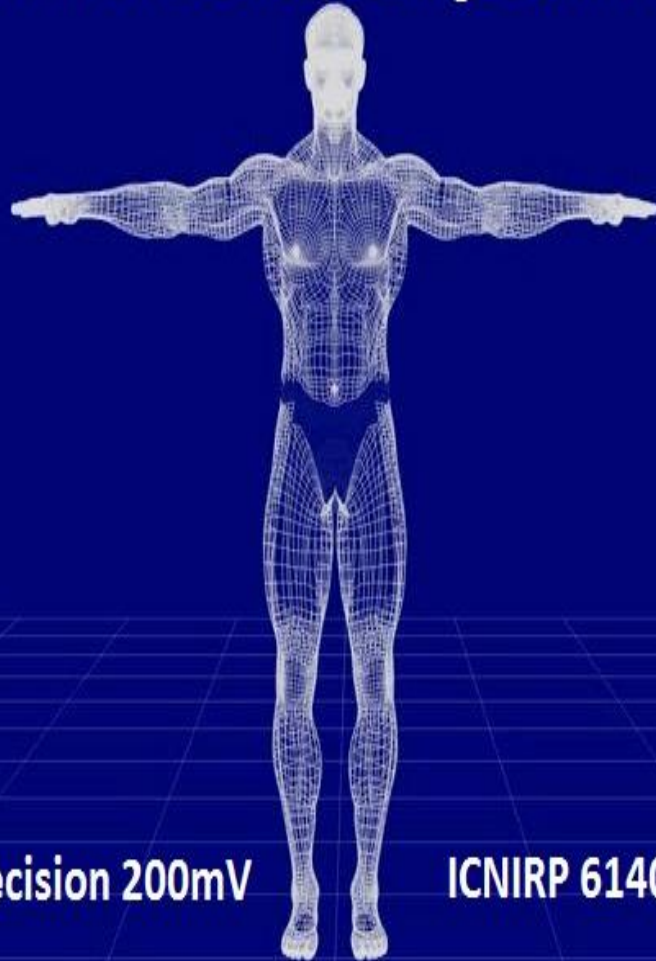
On 20–22 August 2018, the Electromagnetic Defense Task Force (EDTF) hosted an inaugural summit in the National Capital Region (NCR). The summit was designed to aid and encourage actions to recover footing where our technological lead in EMS is being challenged. The summit was also designed to address direct EMS threats to the United States and its allies. While some issues have existed since the 1960s, the window of opportunity to mitigate some electromagnetic threats is closing. Meanwhile, many existing threats have gained prominence due to almost universal integration of silica-based technologies into all aspects of modern technology and society.

During the opening remarks of the inaugural summit, R. James Woolsey, former Director Central Intelligence, stated, "The time for research is running out; we have the data we need. IT'S TIME FOR BOLD ACTION." In the spirit

**HUMAN BODY IS A BIOLOGICAL ELECTRICAL DEVICE IT HAS
MUSCLES BATTERIES**

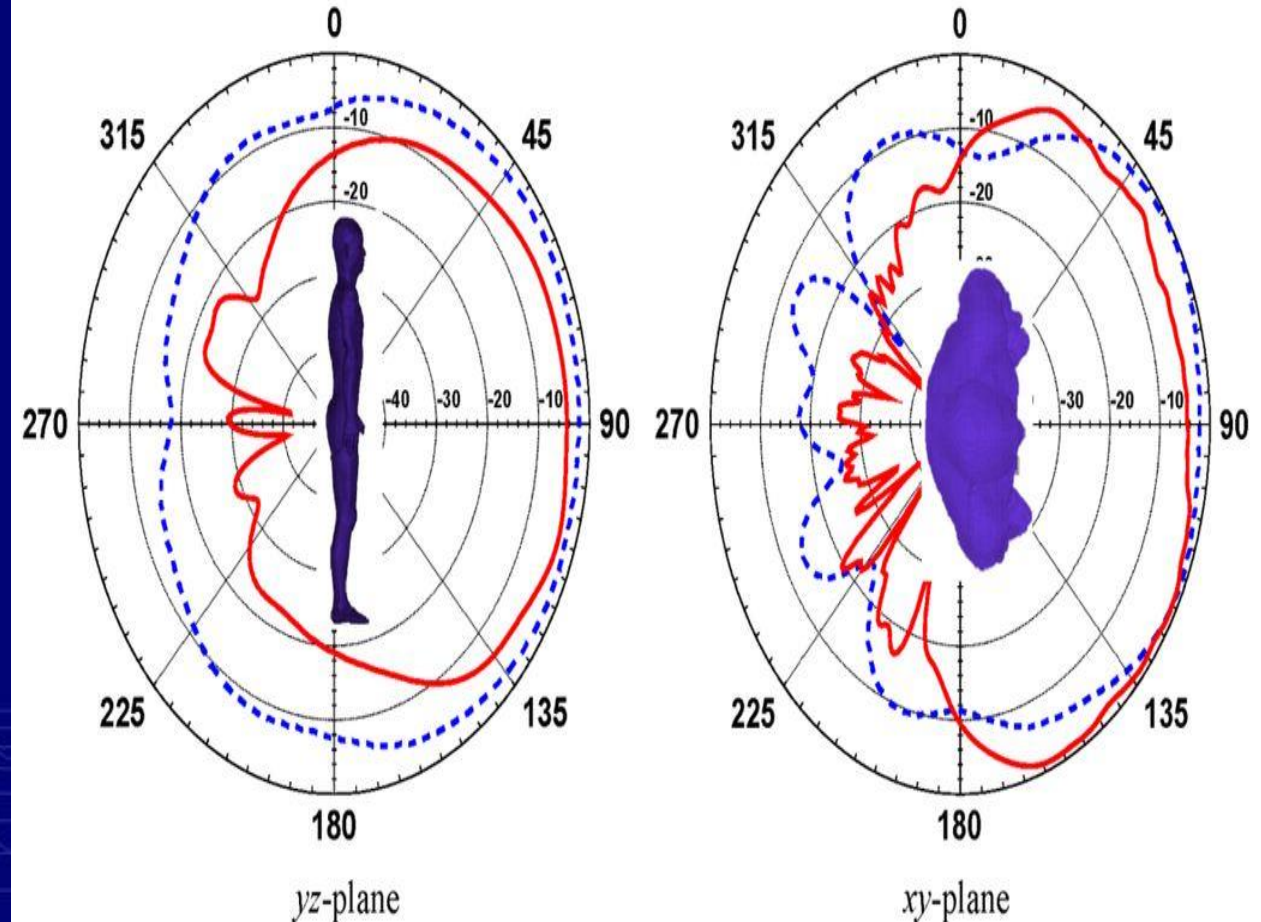
CELLS USE VOLTAGE AND THE BODY IS AN ANTENNA WHICH SENDS AND RECEIVES SIGNALS

PH 7.35 - PH 7.45 Pizo electric charge -20 mV to - 25 mV



COE 1815 Decision 200mV

ICNIRP 61400mV 6min



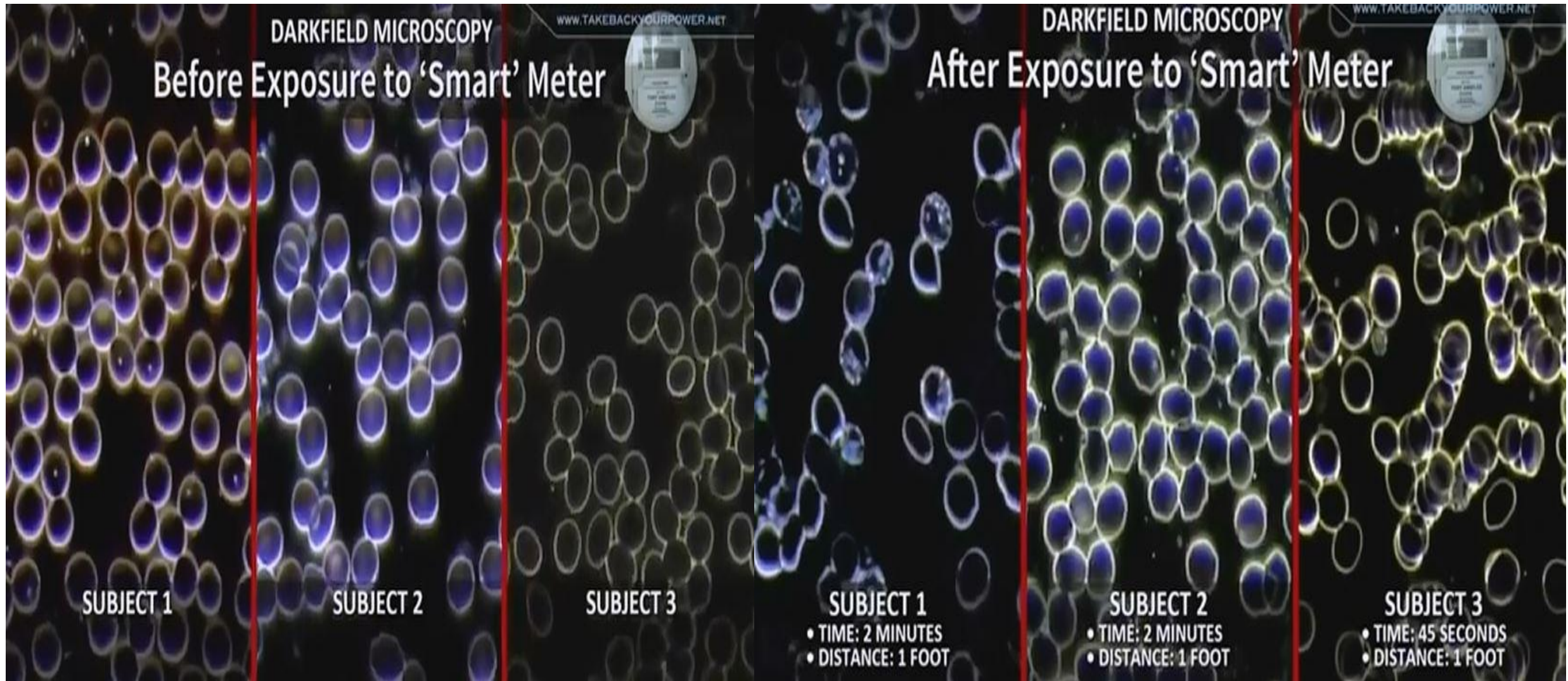
- High-resolution human model
- - - Phantom

SUB GHZ MICROWAVE RADIATION BLANKET COVERAGE LEVELS IN GATESHEAD ABOVE THE COE 1815 200mV/m
ILLEGAL UNLAWFUL 5G EXPERIMENTAL TEST IN BREACH OF THE NUREMBERG CODE
BREACHES BUILDING CODE STANDARDS MIN 600mV/m AVERAGE 1200mV/m and MAX 4000 mV/m



**SMART METER DANGERS - INSTITUTIONS HAVE MISINFORMED MINISTERS ABOUT THE
ACTUAL SMART AGENDA RISKS**

SUB GHz . SMART METER FIRE & HEALTH HAZARD AS WELL AS HACKING RISK.



RESULTS OF EXPERIMENT CMS TELECOMS IN GATESHEAD CAUSE BLOOD STACKING FROM MICROWAVE RADIATION 5G EXPERIMENTAL TRANSMITTERS

SITUATED DIRECTLY OUTSIDE CHILDRENS' BEDROOM WINDOWS ADMINISTERING OF A NOXIOUS SUBSTANCE

Lee Garrett ▸ Mark Steele
18 mins · Gateshead · 🌍

No random nose bleed in his life now since these lights been fitted look at my TWO year old son.
Gateshead council are a joke 🤔🤔🤔

www.saveusnow.org.uk



Sudarat Wongemponpinit started bleeding out of her nose as the pollution crisis continues in Bangkok (Picture: Viral Press)

A screenshot of a Facebook post and a chat conversation. The post is from Mark Steele, discussing a child's nosebleed and the location of 5G transmitters. The chat conversation is between Emerald Mokalé and another user, discussing the child's condition and the location of the transmitters.

Facebook Post:

Emerald Mokalé Afie woke up like this 2 weeks ago looked like he had been dhimed we couldn't work out how or why then I was leaving for school Friday and again his nose started to pour it's right outside my bedroom window. so yeah I would, the council haven't bothered to ring me back They played dumb at first also my grandma is complaining of really sore tired eyes could this be connected?

Mark Steele Emerald Mokalé That is what I get sore eyes and the reason I wear eye protection. It gives you brain fog pains in the head etc.

Emerald Mokalé She's been complaining for weeks now about her eyes I was trying to explain to them what you explained to me, any help I can be of I will it's maybe 100/200 yards away from my bedroom

Emerald Mokalé

Chat Conversation:

Emerald Mokalé
council day after Lucy's party still no reply

Can I use the Picture of Afie on my page
And your comments
I have loads of activist following me
and they will see it

Yeah no problem at all just use them

38% INCREASE IN STROKE IN YOUNG WOMEN IN THE USA AS OPPOSED TO 15% IN YOUNG MEN FROM THE

THE SCIENCE IS PROVEN AND UNCONTESTED

DIABETES 2.4GHz LAB RATS - 300% MISCARRIAGE INCREASE PHE RELY ON ICNIRP GUIDELINES FRAUD

Non-Thermal Electromagnetic Radiation Damage to Lens Epithelium

Elvira Bormusov¹, Usha P. Andley^{*3}, Naomi Sharon¹, Levi Schächter², Assaf Lahav² and Ahuva Dovrat¹

¹Rappaport Faculty of Medicine, Technion – Israel Institute of Technology, Haifa 31096, Israel

²Department of Electrical Engineering, Technion – Israel Institute of Technology, Haifa 32000, Israel

³Department of Ophthalmology and Visual Sciences, Washington University School of Medicine, St. Louis, Missouri 63110, USA

Abstract: High frequency microwave electromagnetic radiation from mobile phones and other modern devices has the potential to damage eye tissues, but its effect on the lens epithelium is unknown at present. The objective of this study was to investigate the non-thermal effects of high frequency microwave electromagnetic radiation (1.1GHz, 2.22 mW) on the eye lens epithelium in situ. Bovine lenses were incubated in organ culture at 35°C for 10-15 days. A novel computer-controlled microwave source was used to investigate the effects of microwave radiation on the lenses. 58 lenses were used in this study. The lenses were divided into four groups: (1) Control lenses incubated in organ culture for 10 to 15 days. (2) Electromagnetic radiation exposure group treated with 1.1 GHz, 2.22 mW microwave radiation for 90 cycles of 50 minutes irradiation followed by 10 minutes pause and cultured up to 10 days. (3) Electromagnetic radiation exposure group treated as group 2 with 192 cycles of radiation and cultured for 15 days. (4) Lenses exposed to 39.5°C for 2 hours 3 times with 24 hours interval after each treatment beginning on the second day of the culture and cultured for 11 days. During the culture period, lens optical quality was followed daily by a computer-operated scanning laser beam. At the end of the culture period, control and treated lenses were analyzed morphologically and by assessment of the lens epithelial ATPase activity. Exposure to 1.1 GHz, 2.22 mW microwaves caused a reversible decrease in lens optical quality accompanied by irreversible morphological and biochemical damage to the lens epithelial cell layer. The effect of the electromagnetic radiation on the lens epithelium was remarkably different from those of conductive heat. The results of this investigation showed that electromagnetic fields from microwave radiation have a negative impact on the eye lens. The lens damage by electromagnetic fields was distinctly different from that caused by conductive heat.

SCIENTIFIC REPORTS

OPEN Exposure to Magnetic Field Non-Ionizing Radiation and the Risk of Miscarriage: A Prospective Cohort Study

De-Kun Li, Hong Chen, Jeannette R. Ferber, Roxana Odouli & Charles Quesenberry

Magnetic field (MF) non-ionizing radiation is widespread and everyone is exposed to some degree. This prospective cohort study of 913 pregnant women examined the association between high MF exposure and miscarriage risk. Cox (proportional hazards) regression was used to examine the association. After controlling for multiple other factors, women who were exposed to higher MF levels had 2.72 times the risk of miscarriage (hazard ratio = 2.72, 95% CI: 1.42–5.19) than those with lower MF exposure. The increased risk of miscarriage associated with high MF was consistently observed regardless of the sources of high MF. The association was much stronger if MF was measured on a typical day of participants' pregnancies. The finding also demonstrated that accurate measurement of MF exposure is vital for examining MF health effects. This study provides fresh evidence, directly from a human population, that MF non-ionizing radiation could have adverse biological impacts on human health.

Magnetic field (MF) non-ionizing radiation is a ubiquitous environmental exposure and a serious looming public health challenge. MFs are emitted from both traditional sources that generate low frequency MFs (e.g., power lines, appliances, transformers, etc.) and from emerging sources that generate higher frequency MFs (e.g., wireless networks, smart meter networks, cell towers, wireless devices such as cell phones, etc.). Humans are now

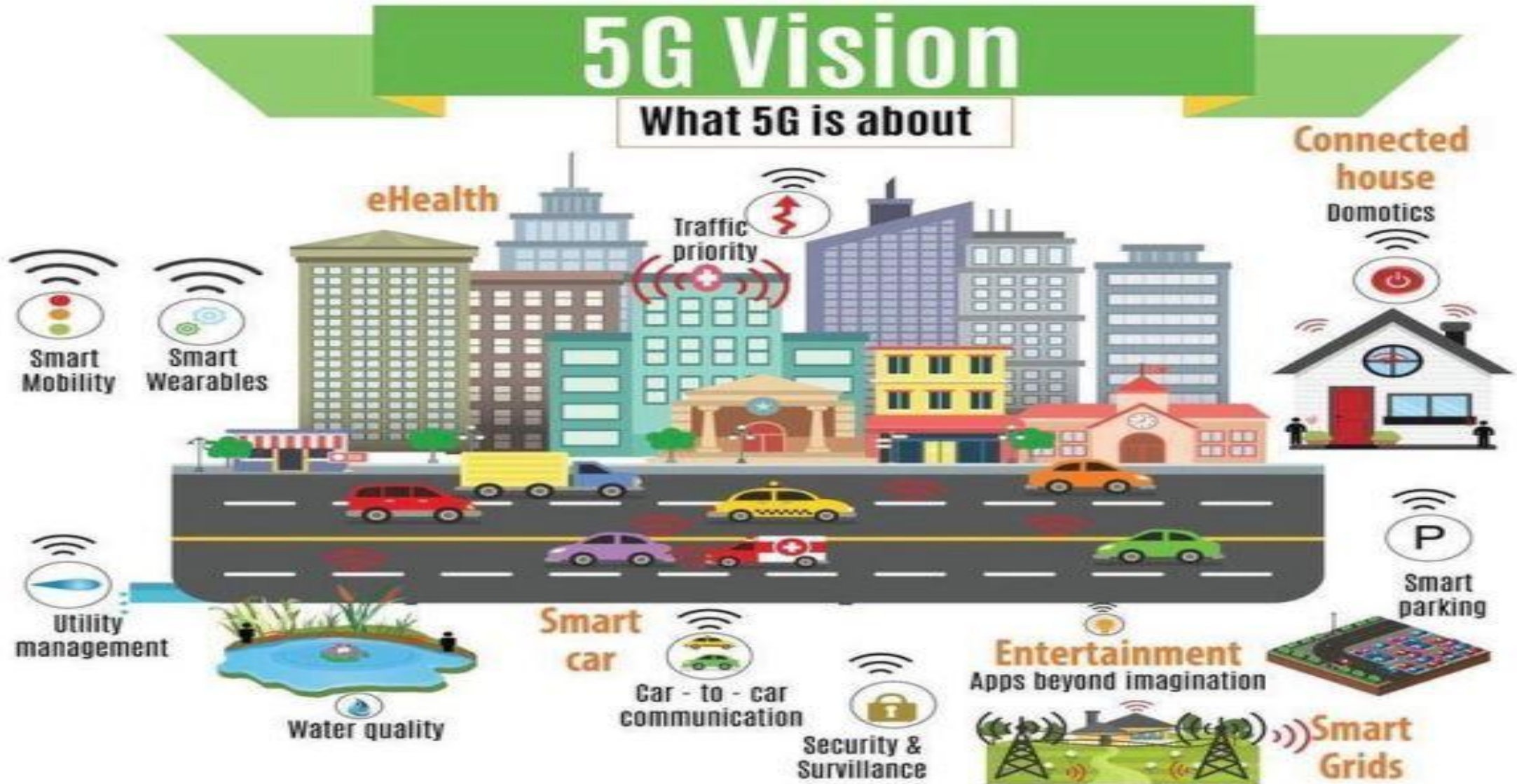
**5G SMART CITY AGENDA 3D MAPPING HOMES TREES ACROSS THE WEST DESTROYED TO FACILITATE THE
COVERT FUTURE CITIES PROJECTS AGENDA 21
SECRET TAXPAYER £BILLIONS REGIONAL COUNCILS ENVIRONMENTAL CRIME**



WHAT IS 5G ANYWAY – DENSIFICATION – BACKHAULING – ANTENNA DESIGN - WEAPONS

Secret Militarized Armaments in Residential Technologies

NO MULTIPLICATION DATA AGENDA – BUILDING CODE VIOLATIONS - VIBRATION - TEMP RISE



HOT CITIES CONSEQUENCES FROM DENISIFICATION OF ENERGY INCREASE IN AIR FROM MICROWAVE EMISSIONS

5G MAIN TECHNICAL PARAMETER DENISIFICATION

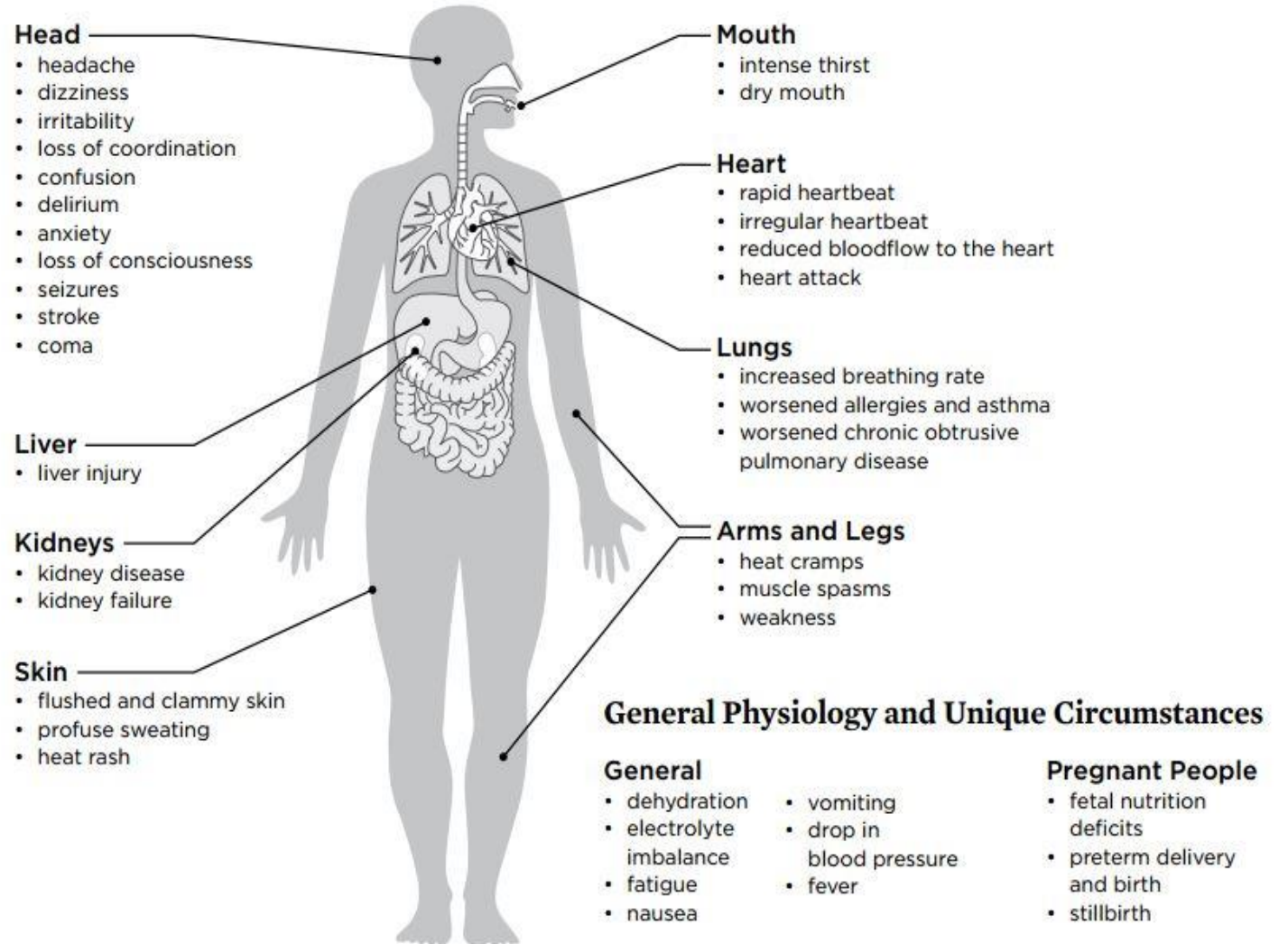
NO THERMAL IMPACT - NO RESEARCH - NO RISK ASSESMENT ON THE MICROWAVE DENISIFICATION RISK

Killer Heat in the United States

Climate Choices and the Future of Dangerously Hot Days



FIGURE 3. How Heat Affects Our Bodies



**5G CITY REALITY A STATE SUPPORTED TECHNOLOGY & THE HIDDEN AGENDA'S
5G DEPLOYMENT'S KOREA NATIONAL EMERGENCY FRIDAY APR 5th 2019
CORRUPTION OF THE SYSTEM AS 5G SMART CITIES BURN**



PARADISE USA EMP FIRES AND THE MICROWAVE RADIATION 5G EMP CONNECTION & IGNITION

PG&E FILES FOR BANKRUPTCY

CITIZENS ARE CREMATED IN THEIR HOMES FROM UNTESTED UNPROVEN TECHNOLOGY



Bloomberg

Climate Changed

PG&E Enters Bankruptcy Setting Stage for Major Restructuring

By Mark Chediak, Allison McNeely, and Jim Efstathiou Jr
29 January 2019 08:20 Updated on 29 January 2019 20:00

- ▶ Utility may be legally liable for fires even if not negligent
- ▶ Filing marks second time PG&E sought protection from creditors



We focus on what really matters, to find detail others missed.



ORBITIS
WAVE DIFFERENTLY

California prosecutors: PG&E could face manslaughter charges — in theory

J.D. Morris | Dec. 28, 2018 | Updated: Dec. 28, 2018 8:15 p.m.

Manslaughter and murder are among the crimes Pacific Gas and Electric Co. could have committed under California law if its reckless operation of power lines is found to have sparked any recent deadly wildfire, according to the state's top prosecutor.

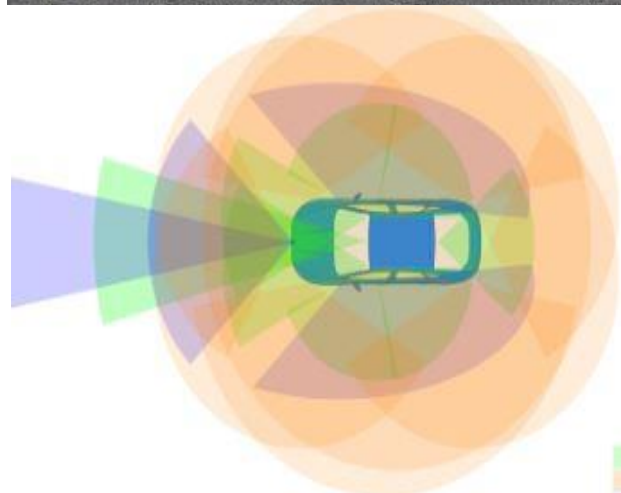
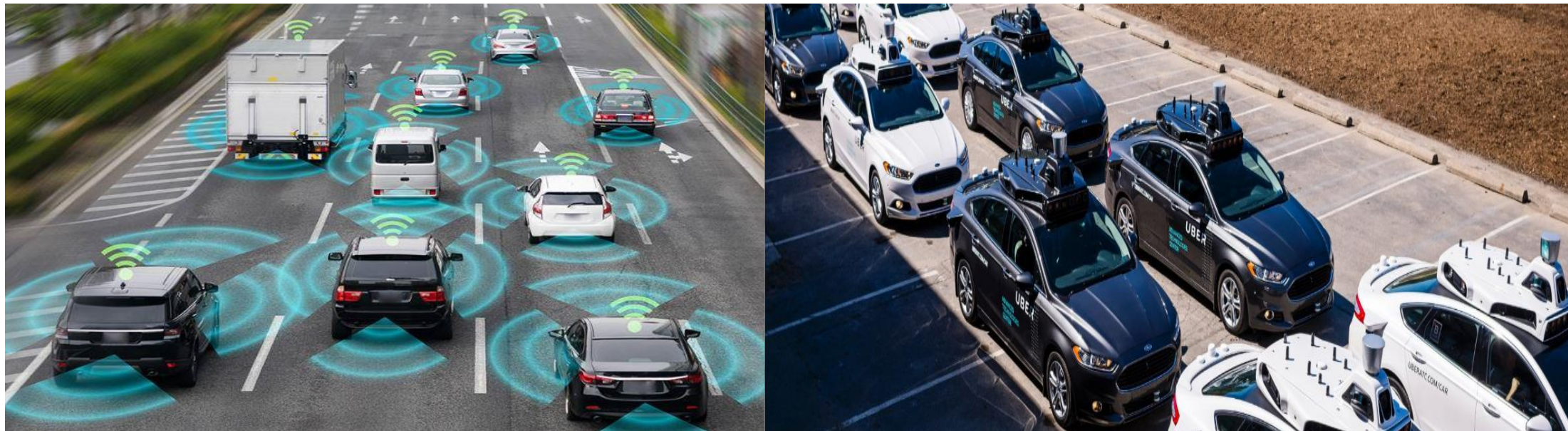
California Attorney General Xavier Becerra and his deputies described to a federal judge Friday a range of possible consequences PG&E could face at the state level, depending on the utility's "mental state," if it is deemed responsible for wildfires that have ravaged the state.

UNTESTED ELECTRIC CARS WE ARE RIGHTLY SUSPICIOUS OF WHAT ALL GOVERNMENT AGENCIES TELL US AND FOR GOOD REASON
BLACK CAB CRIME – LOCALISED ENERGY STORAGE AND PV INSTALLATION
WHY WOULD ANYONE DRIVE AN ELECTRIC CAR **NO CHRONIC EXPOSURE DATA – AN EXPERIMENT ON THE PEOPLE.**



5G AUTONOMOUS INTERROGATION EQUIPMENT SIGNAL SYSTEMS DATA GATHERING AND INCREASING THE TOXIC RADIATION OVERBURDEN

TAKE AWAY YOUR FREEDOM – NO RISK ASSESSEMENT - AGENDA **ONCE YOUR BLINDED BY THE LIGHT**



- 1 GPS + IMU
- 4-8 LiDAR
- 8-12 Camera
- 4 Radar

RGB
LiDAR
RADAR

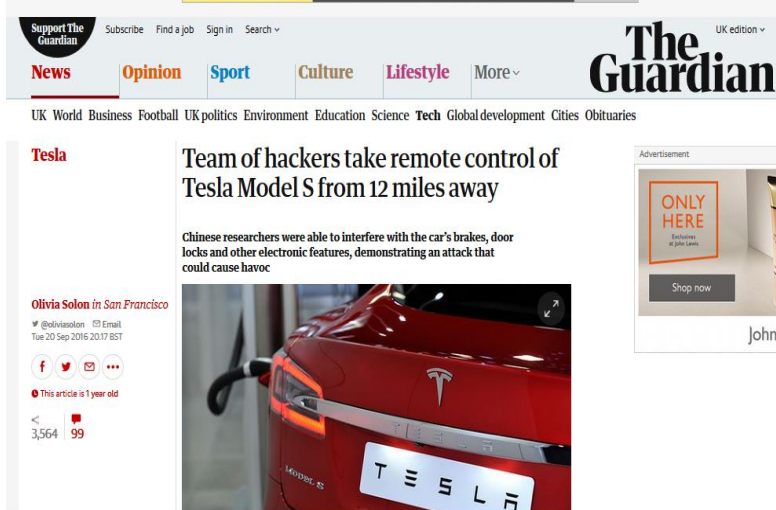
76GHz Millimeter Wave Automobile Radar using Single Chip MMIC

*Shinichi Yamano
Hirofumi Higashida
Masayoshi Shono
Sadanori Matsui
Tomohiko Tamaki
Hidekazu Yagi
Hisateru Asanuma*

5G ELECTRIFYING CAR FIRE RISK IGNORED NON IONIZING RADIATION IN CABIN HAZARD

BATTLEFIELD TECHNOLOGY 20,000 5G SAT'S = GLOBAL TEMP WARMING

RADIATION RISKS PLUS TOXIC LITHIUM ION BATTERY DIRTY BOMB RISK & HAZMAT CLASSIFICATION IGNORED



A "Good Samaritan" who was riding his motorcycle down highway 101 (and who asked NBC to remain anonymous) shared what he saw at the scene of crash exclusively to NBC Bay Area after heading over to help.

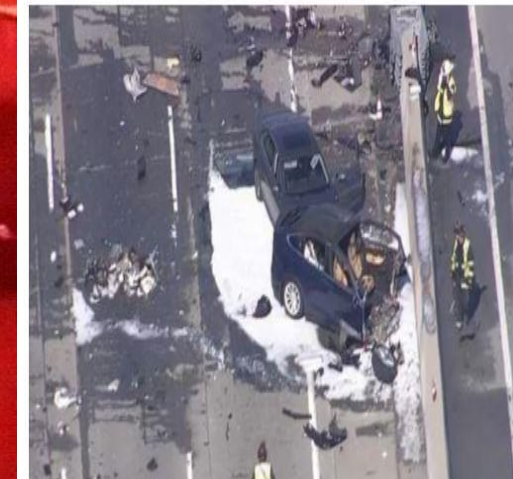
"I saw, past the smoke of the smoldering and sputtering Tesla Model X and saw a man running up with a fire extinguisher," said the Good Samaritan. "I rounded towards what used to be the front of the car and saw, remarkably, an intact man that was covered in a light layer of dust. The front of the car was simply gone."

The Good Samaritan said he checked to see if the man had a pulse and shortly after determining the man was alive he noticed the Tesla wasn't just smoking, but "actively emitting full flames from the battery bank."

The Good Samaritan and two other men were able to take the man out of the burning car and according to him, the man was completely unresponsive.

"We brought him what we hoped was a safe distance from the wreck, hoping the LiPo batteries weren't prone to exploding," said the Good Samaritan. "Another man placed the victim in the recovery position."

Footage from the crash shows smoke and flames emanating from the vehicle.



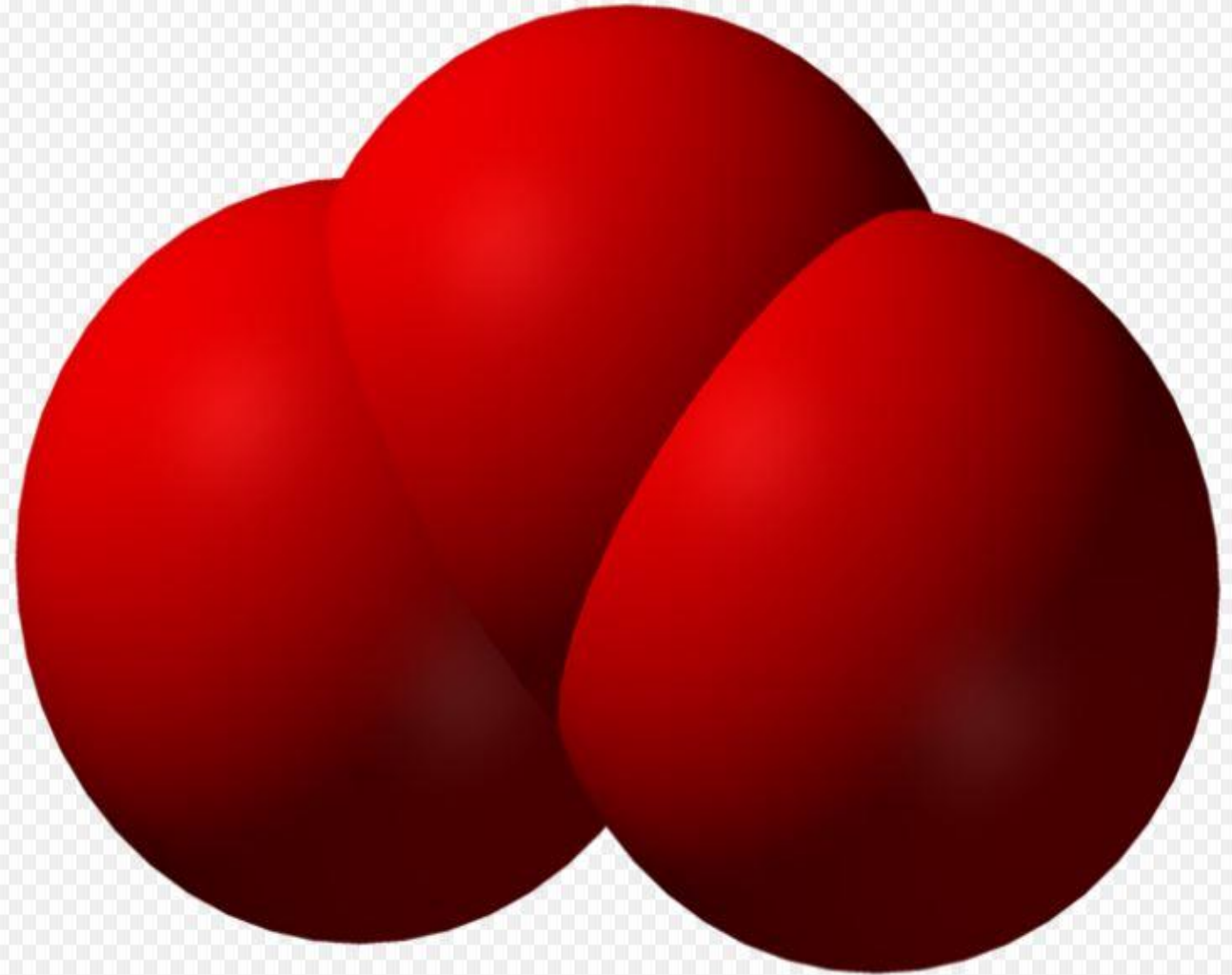
OFCOM PROPOSALS ON THE UNTESTED UNKNOWN RISK TO BIOLOGY FROM HIGHER PULSED FREQUENCY WAVES AT 60GHz

NO ENVIRONMENTAL RISK ASSESSMENT OR BIOLOGICAL RISK ASSESSMENTS FROM HARMFUL AND LIKELY INTERFERENCE

- Two respondents argued that the 63 – 64 GHz band should be reserved for possible Intelligent Transport Systems (ITS) applications and that a licence exempt approach for FWS in this sub-band would be incompatible, due to interference concerns. Ofcom has considered this point carefully and concluded that these concerns are not well founded. The various technical characteristics of the systems to be deployed, along with the high gaseous absorption propagation attenuation around 60 GHz, implies that sharing should be possible between the various applications (Fixed, ITS, wireless HD & other) with a very low probability of interference. Therefore, Ofcom is content that a licence exempt approach remains appropriate for the 60 GHz band and consistent with our duty to secure optimal use of the spectrum.
- It was suggested that a minimum FWS antenna gain of 30dBi be adopted in the technical conditions to the licence exemption. This would avoid FWS systems being deployed with wide beam antennas which could increase the probability of interference between assignments. Ofcom accepts that the adoption of a minimum antenna gain could increase confidence regarding the intra- and inter-service sharing issues, including those relating to ITS. At the same time, we consider that the likely FWS deployments will use high gain, narrow beam antennas anyway; hence, the adoption of a minimum gain limit of this nature should not hinder FWS use in this band. Accordingly, Ofcom has decided to incorporate this minimum antenna gain of 30 dBi into the technical conditions to ensure that narrow beam antennas are employed. This decision will also bring the technical conditions into line with the new ECC recommendation ECC/REC/ (09)01 that replaces ERC/REC/12-09.

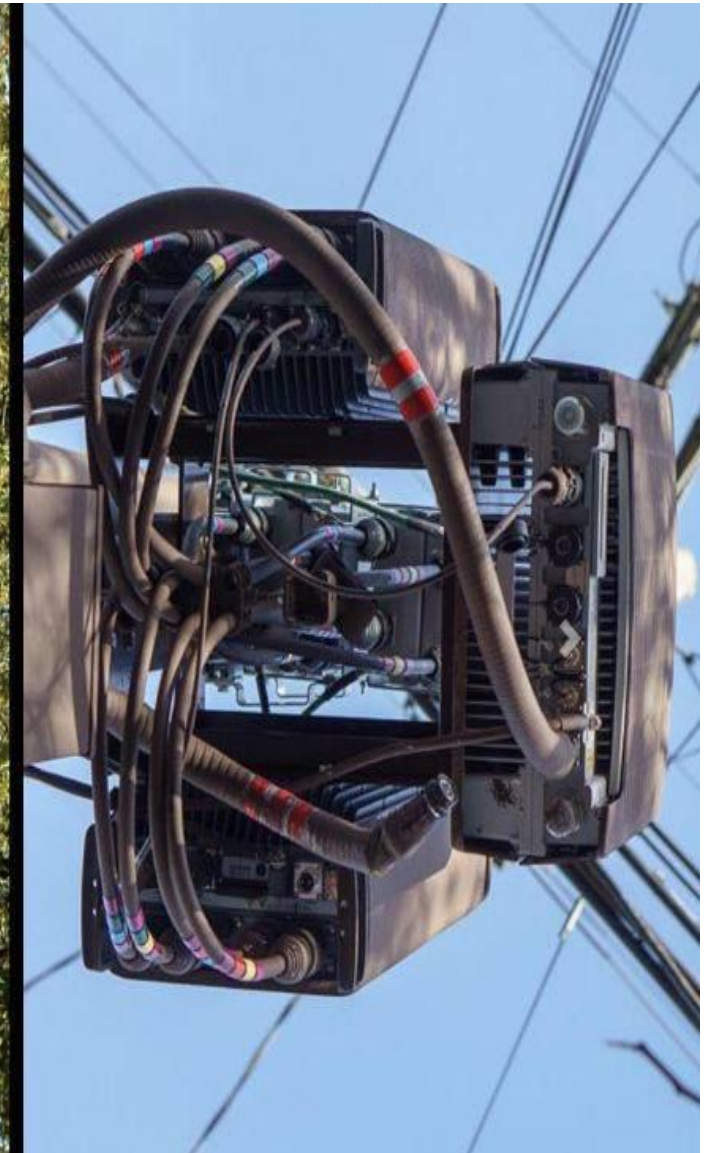
- 1.3 In accordance with our consultation proposals, the 60 GHz band will therefore be made available for FWS on a licence exempt basis across the UK, with the exception of three small geographical areas to protect MoD radiolocation systems against likely harmful interference.
- 1.4 The table below summarises the key points of the Ofcom policy for the new 60 GHz band:

WE ALREADY KNOW THAT IT IS PROPOSED TO DELIVER PART OF THE
60GHZ SPECTRUM TRIOXYGEN (OZONE)
50PPM WILL EXTINGUISH ALL BIOLOGICAL LIFE.



SUSPECT 5G (RADIATORS) TRANSMITTERS ATTACHED TO TELEGRAPH POLES IN THE USA AND IRELAND
TURNING AIR TOXIC

MOLECULAR REACTORS CHARGING HEATING AND GASSING AIR (34 e/V AIR) ICNIRP GUIDELINES 61.4 e/V



WAKE UP THE IGNORANT TAKE ACTION TO STOP THE ILLEGAL AND UNLAWFUL DECEPTION AGAINST THEM

5G ECONOMIC TERRORIST ATTACK

E MAIL TO INFO@SAVEUSNOW.ORG.UK THREE DOCUMENTS – LET JUSTICE BE DONE THOUGH THE HEAVENS FALL

**THE FOLLOWING SHORT LETTER SHOULD BE SENT
BY EMAIL AND REGISTERED POST TO
COMPANY DIRECTORS – SHAREHOLDERS - EMPLOYEES – COUNCILS –
COUNCILLORS – POLITICIANS – MEDIA AND OTHERS
WHO ARE NOT ABOVE THE LAW.**

**Call first to ensure that the right person receives the document
and note down the name(s).**

Dear **[Add their name]**

I am bringing to your attention the scientifically established fact that the rollout of 5G technology and the experimental LED carrier assets are indictable offences under domestic and international laws, and a crime against humanity and the environment. PHE have already warned of the health risk. Your involvement in the deployment, deception, misinformation and cover-up in the wider community and continued support for this crime have been noted. Any further support of this indictable offence provided by you once you have been informed by this letter will demonstrate your real intent in regard to this crime.

To mitigate your involvement, we demand that you cease and desist from your role in the rollout of 5G, so that the main architects of this criminal enterprise can be held accountable, while those who have been coerced into involvement can be seen to have acted in less serious roles. The Accessories and Abettors act 1861 as amended by the Criminal Law Act 1977 covers all those who can be shown to have known of this human rights crime yet who have not acted in accordance with the law.

Yours sincerely

[Add your name]

S-U-N ARE BUILDING AN ARMY OF RESISTANCE TO TAKE ON THE AUTHORITIES TO
DEFEAT THE 5G CRIME ON THE PEOPLE
ITS TIME TO STOP THE ILLEGAL UNLAWFUL ATTEMPT TO HARM THE CITIZEN



[Home](#)

[More Information >](#)

[Forum](#)

[Downloads](#)

[Donations](#)

[Contact](#)

THE S-U-N IS RISING
WAKING HUMANITY FROM THEIR SLEEP