

ATTACHMENT A

SCHEDULE OF DOCUMENTS – FOI 2331

Document No.	Date	Pages	Description	Decision on access <sup>1</sup>	Exemption/s
1	18/11/2019	2	Emails between the then Chief Medical Officer, Dr Brendan Murphy, and then Assistant Secretary of Regulatory Policy Branch, Gillian Shaw, regarding a letter to the CMO from the Australian Mobile Telecommunications Association	REI	s 22 (irrelevant information) s 47F (personal privacy)
2	17/12/2019	2	Email to Health Communications – draft CMO Statement on 5G	RI	s 22 (irrelevant information)
3	17/12/2019	1	Email from Health Communications - draft CMO Statement on 5G	RI	s 22 (irrelevant information)
4	18/12/2019	1	Email from Health Communications - draft CMO Statement on 5G	RI	s 22 (irrelevant information)
5	19/12/2019	2	Email to CMO's Executive Officer (EO) attaching the FAS-cleared draft CMO Statement on 5G	REI	s 22 (irrelevant information) s 47F (personal privacy)
6	20/12/2019	4	Email from CMO's EO advising on next steps for the CMO Statement on 5G	REI	s 22 (irrelevant information) s 47F (personal privacy)
7	20/12/2019	3	Email from CMO's EO to the Australian Mobile Telecommunications Association (AMTA) attaching a copy of the draft statement for comment	REI	s 22 (irrelevant information) s 47F (personal privacy)

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<sup>1</sup> RI = Release with irrelevant information removed, REI exempt and irrelevant information removed, R = Release in full

Document No.	Date	Pages	Description	Decision on access <sup>1</sup>	Exemption/s
8	20/12/2019	8	Email to Minister Colbeck's Office advising of the CMO Statement and providing them a copy for review	RI	s 22 (irrelevant information)
9	23/12/2019	1	Email from Chris Althuis, CEO AMTA, regarding the CMO Statement	REI	s 22 (irrelevant information) s 47F (personal privacy)
10	10/01/2020	2	Email from ARPANSA regarding suggested edits to Talking Points on the 5G Statement	REI	s 22 (irrelevant information) s 47F (personal privacy)
11	17/01/2020	2	Email from Department of Communications and the Arts suggesting edits to the 5G talking points.	REI	s 22 (irrelevant information) s 47F (personal privacy)
12	20/01/2020	2	Email from CMO's EO to CEO AMTA - advising that CMO Statement likely to be published by the end of the week	REI	s 22 (irrelevant information) s 47F (personal privacy)
13	20/01/2020	12	Email from Sarah Norris (then Assistant Secretary (AS), Regulatory Policy Branch) to First Assistant Secretary (FAS) (Celia Street) advising of correspondence to the AMTA.	REI	s 22 (irrelevant information) s 47F (personal privacy)
14	21/01/2020	3	Email from Sarah Norris to the CMO providing final documents for release	RI	s 22 (irrelevant information)
15	22/01/2020	2	Email from Department of Communications suggesting further edits to the 5G talking points	REI	s 22 (irrelevant information) s 47F (personal privacy)
16	13/01/2020	1	Talking Points 5G Media Release as endorsed by ARPANSA	R	
17	23/01/2020	5	Email - Media Summary Tuesday 21 January email between departmental officers and ARPANSA regarding providing the AMTA an embargoed copy of the CMO statement	REI	s 22 (irrelevant information) s 47F (personal privacy)

Document No.	Date	Pages	Description	Decision on access <sup>1</sup>	Exemption/s
18	16/12/2019	2	Email between departmental officers regarding draft CMO Statement	RI	s 22 (irrelevant information)
19	13/12/2019	2	Email from ARPANSA attaching edits to the CMO Statement	RI	s 22 (irrelevant information)
20	06/12/2019	2	Email from departmental officers to ARPANSA seeking comment on the draft 5G CMO Statement	RI	s 22 (irrelevant information)
21	06/12/2019	2	Email between departmental officers entitled 'CMO Media'	RI	s 22 (irrelevant information)
22	06/12/2019	2	Email between departmental officers entitled 'CMO Media'	RI	s 22 (irrelevant information)
23	05/12/2019	2	Email between departmental officers entitled 'CMO Statement'	RI	s 22 (irrelevant information)

**From:** SHAW, Gillian  
**Sent:** Monday, 18 November 2019 10:31 AM  
**To:** s22  
**Subject:** TRIM: FW: 5G - Health & Safety [SEC=OFFICIAL]

Hi – FYI and for action below  
G

Gillian Shaw  
Assistant Secretary  
Regulatory Policy Branch  
Office of Health Protection  
Australian Government Department of Health  
02 62895400  
s22

**From:** Shaw, Gillian  
**Sent:** Monday, 18 November 2019 10:30 AM  
**To:** MURPHY, Brendan ; s22 ; Boyley, Matthew  
**Subject:** RE: 5G - Health & Safety [SEC=OFFICIAL]

Great, will do.  
Gill

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Assistant Secretary  
Regulatory Policy Branch  
Office of Health Protection  
Australian Government Department of Health  
02 62895400  
s22

**From:** MURPHY, Brendan <Brendan.Murphy@health.gov.au>  
**Sent:** Monday, 18 November 2019 10:14 AM  
**To:** Shaw, Gillian <Gillian.Shaw@health.gov.au>; s22 ; Boyley, Matthew <Matthew.Boyley@health.gov.au>  
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Of course.  
There is no hurry  
Would be good to join together the processes  
Perhaps if team can get back to AMTA and outline a strategy  
  
Professor Brendan Murphy  
Australian Government Chief Medical Officer

**From:** Shaw, Gillian <Gillian.Shaw@health.gov.au>  
**Date:** Monday, 18 Nov 2019, 10:04 am  
**To:** MURPHY, Brendan <Brendan.Murphy@health.gov.au>; s22 Boyley, Matthew <Matthew.Boyley@health.gov.au>  
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Hi Brendan

Yes we can look into this for you – however I wanted to highlight for you that we understand that the EME (5G) proposal to be brought forward by the Department of Communications and the Arts (DoCA) is likely to be considered shortly and, if agreed, could be announced as early as December. In light of this I have sought advice from Sam Devlin and Chris Gattenby as to the interest for a joint media announcement from either Minister Hunt or Minister Colbeck with Minister Fletcher. I think we could hold off on a decision on your statement until I hear back from the office, if that is okay with you?

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I am happy to consider making a CMO statement on this. It would be useful  
Can the team liaise with them and ARPANSA and set something up, unless anyone thinks it is a bad idea.

Professor Brendan Murphy

**From:** s47F  
**Sent:** Monday, 18 November 2019 9:00 AM  
**To:** MURPHY, Brendan <[Brendan.Murphy@health.gov.au](mailto:Brendan.Murphy@health.gov.au)>  
**Subject:** 5G - Health & Safety [SEC=No Protective Marking]

Dear Professor Murphy,

Please find attached a letter and fact sheets in relation to latest generation mobile networks – 5G from the CEO of the Australian Mobile Telecommunications Association.

Kind regards,

s47F  
Office Manager | EA to Chris Althaus, CEO  
Australian Mobile Telecommunications Association - AMTA  
s47F  
s47F | [www.amta.org.au](http://www.amta.org.au)

DOCUMENT RELEASED UNDER  
THE FREEDOM OF INFORMATION ACT  
1982 (CTH) BY THE DEPARTMENT OF HEALTH

s22

**From:** s22  
**Sent:** Tuesday, 17 December 2019 3:48 PM  
**To:** HealthCommunications  
**Cc:** s22  
**Subject:** Draft CMO Statement on 5G Safety [SEC=OFFICIAL]  
**Attachments:** Draft CMO Statement on 5G and Health.DOCX

Good afternoon

Please find attached a Statement we have drafted for the CMO to publish regarding the safety of 5G technology.

I understand that we have to send this draft statement to Health Communications prior to us progressing it to the CMO's Office for endorsement/publication.

We would greatly appreciate it if you could please review the attached Statement and make any necessary amendments. We would ideally like to publish this Statement prior to the Christmas shutdown so please let me know if this timeframe isn't possible.

Please let me know if you have any questions/queries.

Kind regards

s22

s22

A/g Assistant Director – Environmental Health, Radiation and Nuclear Safety Policy Section

Regulatory Policy Branch  
Office of Health Protection  
Australian Government Department of Health

s22

s22

GPO Box 9848, Canberra ACT 2601, Australia

*The Department of Health acknowledges the Traditional Custodians of Australia and their continued connection to land, sea and community. We pay our respects to all Elders past and present.*

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## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, on health and the new generation of mobile phone network 5G**

*The community should be reassured that 5G technology is safe*

There is no evidence that telecommunication technologies, such as 5G, cause adverse health impacts. This position is supported by health authorities around the world, including the World Health Organization (WHO) and the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The radio waves which the general public is exposed to from telecommunications are not hazardous to human health.

To ensure the public remains protected, the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) established limits for EME through a standard. This is designed to protect people from exposure to radio waves. Limits are set well below the levels where there is evidence of some biological effects such as tissue heating. Under the Australian Communications and Media Authority's (ACMA's) regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA standard.

In order to further improve understanding about this issue, the Australian Government recently announced that it will invest \$9 million over four years to build public confidence in the safety of telecommunications networks, including new 5G mobile networks.

New initiatives will include additional scientific research and public education which will build upon existing EME safety programs.

Further information about exposure to the 5G network is available from the [ARPANSA website](#), including:

- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)

s22

**From:** s22 on behalf of HealthCommunications  
**Sent:** Tuesday, 17 December 2019 4:01 PM  
**To:** s22  
**Cc:** s22 ; HealthCommunications; s22  
**Subject:** RE: Draft CMO Statement on 5G Safety [SEC=OFFICIAL]  
**Attachments:** Draft CMO Statement on 5G and Health.DOCX

Hi s22

Could you please review the attached – it is for the CMO to publish regarding the safety of 5G technology.

s22 Thanks for the below, s22 will review this at her earliest convenience and Healthcomms will get this back to you before the deadline ☺

Regards  
s22

People, Communication and Parliamentary Division | Corporate Operations Group  
Communication and Change Branch  
Australian Government Department of Health  
s22

PO Box 9848, Canberra ACT 2601, Australia

*The Department of Health acknowledges the traditional owners of country throughout Australia, and their continuing connection to land, sea and community. We pay our respects to them and their cultures, and to elders both past and present.*

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Please let me know if you have any questions/queries.

Kind regards

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s22  
A/g Assistant Director – Environmental Health, Radiation and Nuclear Safety Policy Section

Regulatory Policy Branch  
Office of Health Protection  
Australian Government Department of Health  
s22

GPO Box 9848, Canberra ACT 2601, Australia

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s22

**From:** s22  
**Sent:** Wednesday, 18 December 2019 9:37 AM  
**To:** s22  
**Cc:** s22 ; HealthCommunications; s22  
**Subject:** RE: Draft CMO Statement on 5G Safety [SEC=OFFICIAL]  
**Attachments:** sd edits Draft CMO Statement on 5G and Health.docx

Good morning s22

Thanks for the opportunity to review this draft statement....looks great ...only very minor edits.

Cheers, s22 ☺

s22  
Senior Writer – Health Communications Section

People, Communication and Parliamentary Division | Corporate Operations Group  
Communication and Change Branch  
Australian Government Department of Health  
s22

GPO Box 9848, Canberra ACT 2601, Australia

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s22

**From:** STREET, Celia  
**Sent:** Thursday, 19 December 2019 11:54 AM  
**To:** s22  
**Subject:** RE: TRIM: FW: 5G - Health & Safety [SEC=OFFICIAL]

Thanks s22

**From:** s22  
**Sent:** Thursday, 19 December 2019 9:49 AM  
**To:** s22  
**Cc:** Shaw, Gillian ; Street, Celia ; s22  
**Subject:** FW: TRIM: FW: 5G - Health & Safety [SEC=OFFICIAL]

Hi s22 ,  
  
As discussed, please find attached the FAS cleared draft statement for Brendan on 5G and health.  
  
I have also reattached the original letter from AMTA for you as background.  
  
Happy to discuss.

Cheers,

s22

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**Sent:** Monday, 18 November 2019 10:31 AM  
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Regulatory Policy Branch  
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Would be good to join together the processes  
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Professor Brendan Murphy  
Australian Government Chief Medical Officer

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Hi Brendan

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Professor Brendan Murphy  
MBBS, FRACP, PhD, FAICD, FACHSM (Hon), FAHMS  
Australian Government Chief Medical Officer  
Department of Health  
Phone: +61 2 6289 8408

---

**From:** s47F >  
**Sent:** Monday, 18 November 2019 9:00 AM  
**To:** MURPHY, Brendan <[Brendan.Murphy@health.gov.au](mailto:Brendan.Murphy@health.gov.au)>  
**Subject:** 5G - Health & Safety [SEC=No Protective Marking]

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s22

**From:** s22  
**Sent:** Friday, 20 December 2019 10:36 AM  
**To:** s22  
**Cc:** SHAW, Gillian; STREET, Celia; s22  
**Subject:** RE: TRIM: FW: 5G - Health & Safety [SEC=OFFICIAL]  
**Attachments:** AMTA Letter to Brendan Murphy Dept of Health Nov 19.pdf; Draft CMO Statement on 5G and Health.DOCX

Hi s22 ,

Thanks for this. Brendan has reviewed and is fine with the CMO Statement.

Can I you please confirm ARPANSA has reviewed and are comfortable with it?

Given there might be media interest, we were thinking we would aim to publish after Brendan is back from leave in mid-January if that is ok with you?

In the meantime, could you please:

- Run the CMO statement by the Office and confirm they're comfortable with Brendan doing the statement and the proposed publishing date
- Start working on talking points to support Brendan and the MO around the time of publishing

Have you been in touch with AMTA? If not, Brendan wanted me to write back to them providing them a copy as a courtesy and letting them know we plan to publish mid-Jan, pending MO consideration.

Welcome your thoughts.

Kind regards,

s22

Executive Officer to Professor Brendan Murphy  
Chief Medical Officer

Australian Government Department of Health

s22

s22

MDP 84, GPO Box 9848, Canberra ACT 2601

EA to Professor Murphy: s22

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s47F | [www.amta.org.au](http://www.amta.org.au)

15 November 2019

Professor Brendan Murphy  
Chief Medical Officer  
Department of Health  
GPO Box 9848  
Canberra ACT 2601

[Brendan.murphy@health.gov.au](mailto:Brendan.murphy@health.gov.au)



Dear Brendan,

As you are no doubt aware there is a great deal of misinformation in the public domain regarding health and safety implications of the 5<sup>th</sup> generation of mobile technology (5G).

AMTA has developed a range of material to address the main themes (see attached) and ARPANSA have also been very active in working to ensure the facts as reflected in body of science are present in the public discourse. In addition, AMTA understands the Department of Communications is planning to release some fact sheet style information and the ACMA has also produced a fact sheet on small cells.


AMTA also held a drop-in session in Parliament House with ARPANSA and the ACMA on Sept 16 to present a range of information and provide some demonstrations of EME measurements etc. This session will be repeated on November 25<sup>th</sup> in the Mural Hall of Parliament House – see attached invitation. You and any of your staff are most welcome to attend.

While ARPANSA continue to do a good job in adding their perspectives, AMTA also sees a role for the Health Department to engage in this conversation. Indeed, most recently this has occurred in NZ with some strong statements made by their Health Dept. in response to the misinformation being circulated in their market.

I would welcome the opportunity to discuss this issue with you as needed, otherwise our request is a simple one – that your voice is added to the conversation as a reflection of the Dept. of Health's perspective on this issue.

Thank you in advance for your consideration.

Yours sincerely

  
Chris Althaus  
**AMTA CEO**

AMTA Fact Sheets att:

What is 5G

A Guide to Small Cells

5G and EMF Explained

Invitation to Nov 25<sup>th</sup> Parliament House 5G / EME information session



## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, about the safety of the new generation 5G mobile phone network**

The community should be reassured that 5G technology is safe.

There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.

This position is supported by health authorities around the world, including the World Health Organization (WHO) and the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

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s22

**From:** s22  
**Sent:** Friday, 20 December 2019 5:13 PM  
**To:** s47F  
**Cc:** MURPHY, Brendan; STREET, Celia; NORRIS, Sarah; s22  
**Subject:** RE: 5G - Health & Safety [SEC=OFFICIAL]  
**Attachments:** Draft CMO Statement on 5G and Health.DOCX; AMTA Letter to Brendan Murphy Dept of Health Nov 19.pdf

Hi s47F,

Many thanks for sending through Chris' letter. The team has developed a draft CMO statement, attached for AMTA's consideration. Pending approval by the Minister's office, we plan on publishing the statement on the Department of Health website in mid-January. Grateful if you are able to let us know if you have any concerns with the attached draft statement.

Kind regards,

s22

Executive Officer to Professor Brendan Murphy  
Chief Medical Officer

Australian Government Department of Health  
+612 6289 7934 | s 22  
s22  
MDP 84, GPO Box 9848, Canberra ACT 2601

EA to Professor Murphy: s22

**From:** s47F  
**Sent:** Monday, 18 November 2019 9:00 AM  
**To:** MURPHY, Brendan  
**Subject:** 5G - Health & Safety [SEC=No Protective Marking]

Dear Professor Murphy,

Please find attached a letter and fact sheets in relation to latest generation mobile networks – 5G from the CEO of the Australian Mobile Telecommunications Association.

Kind regards,

s47F  
Office Manager | EA to Chris Althaus, CEO  
Australian Mobile Telecommunications Association - AMTA  
s47F

[u | www.amta.org.au](http://www.amta.org.au)

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1982 (CTH) BY THE DEPARTMENT OF HEALTH



## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, about the safety of the new generation 5G mobile phone network**

The community should be reassured that 5G technology is safe.

There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.

This position is supported by health authorities around the world, including the World Health Organization (WHO) and the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The radio waves which the general public is exposed to from telecommunications are not hazardous to human health.

To ensure the public remains protected, ARPANSA established limits for EME through a standard. This standard is designed to protect people from exposure to radio waves. Limits are set well below the levels where there is evidence of some biological effects such as tissue heating.

Under the Australian Communications and Media Authority's regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA standard.

In order to further improve understanding about this issue, the Australian Government recently announced an investment of \$9 million over four years to build public confidence in the safety of telecommunications networks, including new 5G mobile networks.

New initiatives will include additional scientific research and public education to build on existing EME safety programs.

Further information about exposure to the 5G network is available from the [ARPANSA website](#), including:

- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)

15 November 2019

Professor Brendan Murphy  
Chief Medical Officer  
Department of Health  
GPO Box 9848  
Canberra ACT 2601

[Brendan.murphy@health.gov.au](mailto:Brendan.murphy@health.gov.au)



Dear Brendan,

As you are no doubt aware there is a great deal of misinformation in the public domain regarding health and safety implications of the 5<sup>th</sup> generation of mobile technology (5G).

AMTA has developed a range of material to address the main themes (see attached) and ARPANSA have also been very active in working to ensure the facts as reflected in body of science are present in the public discourse. In addition, AMTA understands the Department of Communications is planning to release some fact sheet style information and the ACMA has also produced a fact sheet on small cells.

AMTA also held a drop-in session in Parliament House with ARPANSA and the ACMA on Sept 16 to present a range of information and provide some demonstrations of EME measurements etc. This session will be repeated on November 25<sup>th</sup> in the Mural Hall of Parliament House – see attached invitation. You and any of your staff are most welcome to attend.

While ARPANSA continue to do a good job in adding their perspectives, AMTA also sees a role for the Health Department to engage in this conversation. Indeed, most recently this has occurred in NZ with some strong statements made by their Health Dept. in response to the misinformation being circulated in their market.

I would welcome the opportunity to discuss this issue with you as needed, otherwise our request is a simple one – that your voice is added to the conversation as a reflection of the Dept. of Health's perspective on this issue.

Thank you in advance for your consideration.

Yours sincerely

  
Chris Althaus  
**AMTA CEO**

AMTA Fact Sheets att:

What is 5G

A Guide to Small Cells

5G and EMF Explained

Invitation to Nov 25<sup>th</sup> Parliament House 5G / EME information session

s 22

---

**From:** s22  
**Sent:** Friday, 20 December 2019 12:14 PM  
**To:** GATENBY, Chris; Minister Colbeck DLO  
**Cc:** SHAW, Gillian; NORRIS, Sarah; STREET, Celia  
**Subject:** EME 5G - Announcement [SEC=OFFICIAL:Sensitive]  
**Attachments:** Draft CMO Statement on 5G and Health.DOCX

Hi Chris,

Thanks for following up on this joint announcement. It was great and seems to have been well received.

Following on from this Brendan Murphey is planning to make a statement as Chief Medical Officer about 5G and health (see draft statement attached). If the office is comfortable with this we would propose publishing the statement in mid-January and would develop talking points ahead of this in case the statement generates additional interest in this issue.

Grateful if you could confirm if the office is comfortable with the proposed approach and happy to discuss.

Kind regards,

s22

From: GATENBY, Chris <Chris.Gatenby@health.gov.au>  
Sent: Thursday, 12 December 2019 5:17 PM  
To: Minister Colbeck DLO s 22 ; s22 >  
Cc: s22 Shaw, Gillian <Gillian.Shaw@health.gov.au>; Norris, Sarah <Sarah.Norris@health.gov.au>  
Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

We are contacting Minister Fletchers office as this still needs to be a joint release

Sent with BlackBerry Work  
(www.blackberry.com)

From: Minister Colbeck DLO s 22  
Date: Thursday, 12 Dec 2019, 5:05 pm  
To: Minister Colbeck DLO <s 22 , GATENBY, Chris <Chris.Gatenby@health.gov.au>, s22  
Cc: s22 , Shaw, Gillian <Gillian.Shaw@health.gov.au>, Norris, Sarah <Sarah.Norris@health.gov.au>  
Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi s22 ,

Nothing further needed for this. Thanks for following up.

Cheers

s22

Department Liaison Officer

Office of Senator the Hon Richard Colbeck  
Minister for Aged Care and Senior Australians  
Minister for Youth and Sport

s 22 | 02 6277 7720

Parliament House  
Canberra ACT 2600

I acknowledge the Traditional Custodians of Australia and their continued connection to land, sea and community. I pay my respects to all Elders past and present.

From: s22  
Sent: Thursday, 12 December 2019 4:31 PM  
To: Minister Colbeck DLO s 22  
Cc: Shaw, Gillian <Gillian.Shaw@health.gov.au>; Norris, Sarah <Sarah.Norris@health.gov.au>  
Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi s22 ,

As discussed DoCA have given us the heads up that Minister Fletcher is likely to make an announcement in relation to EME on Sunday. We understand that he is now proposing that this would not be a joint announcement.

Please let me know if you would like us to do anything further following this advice.

Cheers,

s22

From: Minister Colbeck DLO s 22  
Sent: Monday, 9 December 2019 4:02 PM  
To: s22 Minister Colbeck DLO s 22  
Cc: Shaw, Gillian <Gillian.Shaw@health.gov.au>; GATENBY, Chris <Chris.Gatenby@health.gov.au>  
Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Thanks s22

s22

Department Liaison Officer

Office of Senator the Hon Richard Colbeck  
Minister for Aged Care and Senior Australians  
Minister for Youth and Sport

minister.colbeck.dlo@health.gov.au | 02 6277 7720

Parliament House  
Canberra ACT 2600

I acknowledge the Traditional Custodians of Australia and their continued connection to land, sea and community. I pay my respects to all Elders past and present.

From: s22  
Sent: Monday, 9 December 2019 3:35 PM  
To: s22 Minister Colbeck DLO s 22  
Cc: Shaw, Gillian <Gillian.Shaw@health.gov.au>  
Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi s22 ,

Just letting you know that I have sent you and Chris an email in the Protected network in relation to this request.

Please let me know if you would like anything further in relation to this.

Happy to discuss.

Kind regards,

s22

Acting Director □ Environmental Health, Radiation and Nuclear Safety Policy Section

Office of Health Protection

Regulatory Policy Branch

Australian Government Department of Health

s22

PO Box 9848, Canberra ACT 2601, Australia

The Department of Health acknowledges the traditional owners of country throughout Australia, and their continuing connection to land, sea and community. We pay our respects to them and their cultures, and to elders both past and present.

From: s22  
Sent: Monday, 25 November 2019 3:56 PM  
To: Minister Colbeck DLO s 22 ; IHD Coordination s 22  
Cc: s22 Shaw, Gillian <Gillian.Shaw@health.gov.au>  
Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Good afternoon

MB19-005252 has been assigned to you in PDMS

Due to MGC 1pm 20/12/2019

Regards

s22

Parliamentary Officer

People, Communication & Parliamentary Division | Corporate Operations Group

Ministerial, Governance & Cabinet Branch

Australian Government Department of Health

s22

GPO Box 9848, Canberra ACT 2601, Australia

From: Minister Colbeck DLO s 22

Sent: Monday, 25 November 2019 3:31 PM

To: s22

Cc: Minister Colbeck DLO s 22 ; s22

Shaw, Gillian <Gillian.Shaw@health.gov.au>

Subject: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi MGC

Could you please log a request for a joint MR for Ministers Colbeck and Fletcher.

Due 20 December.

Thanks

s22

Department Liaison Officer

Office of Senator the Hon Richard Colbeck

Minister for Aged Care and Senior Australians

Minister for Youth and Sport

s 22 | 02 6277 7720

Parliament House

Canberra ACT 2600

I acknowledge the Traditional Custodians of Australia and their continued connection to land, sea and community. I pay my respects to all Elders past and present.

From: s22

Sent: Monday, 25 November 2019 3:18 PM

To: Minister Colbeck DLO s 22

Cc: Shaw, Gillian <Gillian.Shaw@health.gov.au>

Subject: RE: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi s22 ,



Just wanted to follow-up with this one to let you know that within the Department, we and the media team are ready to progress with drafting an announcement on EME and 5G, together with DoCA, as soon as the office sends a request through PDMS.

I have also touched base with our colleagues in the Department of Communication and the Arts (DoCA) in relation to the potential announcement and understand that they have been discussing timing of the announcement with their office.

Happy to discuss.

Kind regards,

s22

Acting Director ☐ Environmental Health, Radiation and Nuclear Safety Policy Section

Office of Health Protection

Regulatory Policy Branch

Australian Government Department of Health

s22

PO Box 9848, Canberra ACT 2601, Australia

The Department of Health acknowledges the traditional owners of country throughout Australia, and their continuing connection to land, sea and community. We pay our respects to them and their cultures, and to elders both past and present.

From: GATENBY, Chris <Chris.Gatenby@health.gov.au>

Sent: Monday, 18 November 2019 11:20 AM

To: Shaw, Gillian <Gillian.Shaw@health.gov.au>; Develin, Sam <Sam.Develin@health.gov.au>

Cc: Boyley, Matthew <Matthew.Boyley@health.gov.au>; s22

Minister Colbeck DLO s 22

Subject: RE: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

>; Minister Hunt DLO s 22

;

Sounds good to me to draft an announcement

Chris Gatenby

Chief of Staff

Office of Senator the Hon Richard Colbeck

Minister for Aged Care and Senior Australians

Minister for Youth and Sport

Senator for Tasmania

02 6277 7720

chris.gatenby@health.gov.au

From: Shaw, Gillian <Gillian.Shaw@health.gov.au>  
Sent: Monday, 18 November 2019 9:14 AM  
To: Develin, Sam <Sam.Develin@health.gov.au>; GATENBY, Chris <Chris.Gatenby@health.gov.au>  
Cc: Boyley, Matthew <Matthew.Boyley@health.gov.au>; s22  
Minister Colbeck DLO s 22  
Subject: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Minister Hunt DLO s 22 ;

Hi Chris and Sam,

We understand that the EME (5G) proposal to be brought forward by the Department of Communications and the Arts (DoCA) is likely to be considered shortly and, if agreed, could be announced as early as December. At that time if you wished it may be desirable for a joint media announcement to be made announcing the new funding arrangements and how this will help address community concerns about technologies like 5G. This announcement could be from either Minister Hunt or Minister Colbeck with Minister Fletcher.

Grateful for your advice if you would like us to work with DoCA to draft an announcement.

Gill

Gillian Shaw

Assistant Secretary

Regulatory Policy Branch

Office of Health Protection

Australian Government Department of Health

02 62895400

s22

From: Shaw, Gillian  
Sent: Friday, 13 September 2019 6:24 PM  
To: Develin, Sam ; GATENBY, Chris  
Cc: s22 ; s22 ; Boyley, Matthew  
Subject: DOCA EME 5G [SEC=UNOFFICIAL]

Hi Chris and Sam

Just as a heads up I have sent you in protected the latest from DoCA. We can get this back to them on Monday. I will follow up with you then.

Gill

Gillian Shaw

First Assistant Secretary (a/g)

Office of Health Protection

Australian Government Department of Health

02 6289 5400



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## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, about the safety of the new generation 5G mobile phone network**

The community should be reassured that 5G technology is safe.

There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.

This position is supported by health authorities around the world, including the World Health Organization (WHO) and the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The radio waves which the general public is exposed to from telecommunications are not hazardous to human health.

To ensure the public remains protected, ARPANSA established limits for EME through a standard. This standard is designed to protect people from exposure to radio waves. Limits are set well below the levels where there is evidence of some biological effects such as tissue heating.

Under the Australian Communications and Media Authority's regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA standard.

In order to further improve understanding about this issue, the Australian Government recently announced an investment of \$9 million over four years to build public confidence in the safety of telecommunications networks, including new 5G mobile networks.

New initiatives will include additional scientific research and public education to build on existing EME safety programs.

Further information about exposure to the 5G network is available from the [ARPANSA website](#), including:

- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)

s22

---

**From:** Chris Althaus <Chris.Althaus@amta.org.au>  
**Sent:** Monday, 23 December 2019 9:17 AM  
**To:** s22 ; MURPHY, Brendan; STREET, Celia; s22 ; NORRIS, Sarah  
**Cc:** s47F s47F  
**Subject:** Re: CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

s22

Thank you for the email.  
This is a strong statement which AMTA supports.  
Thanks to the CMO and team.  
Regards, Merry Xmas and best for 2020.  
Chris

Chris Althaus  
CEO  
Australian Mobile  
Telecommunications Association  
s47F  
[www.amta.org.au](http://www.amta.org.au)

---

**From:** s47F  
**Sent:** Saturday, 21 December 2019, 3:09 pm  
**To:** Chris Althaus; s47F  
**Subject:** CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

Sent from my iPhone

Begin forwarded message:

**From:** s22  
**Date:** 20 December 2019 at 17:12:50 AEDT  
**To:** s47F  
**Cc:** "MURPHY, Brendan" , "Street, Celia" , "Norris, Sarah" , s22  
s22  
>  
**Subject:** RE: 5G - Health & Safety [SEC=OFFICIAL]

Hi s47F ,  
Many thanks for sending through Chris' letter. The team has developed a draft CMO statement, attached for AMTA's consideration.  
Pending approval by the Minister's office, we plan on publishing the statement on the Department of Health website in mid-January.  
Grateful if you are able to let us know if you have any concerns with the attached draft statement.  
Kind regards,  
s22  
Executive Officer to Professor Brendan Murphy  
Chief Medical Officer

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s 22

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**From:** s47F  
**Sent:** Friday, 10 January 2020 11:14 AM  
**To:** s22  
**Cc:** s22  
**Subject:** RE: Talking Points 5G - January 2020 Media Release [SEC=OFFICIAL]  
**Attachments:** Talking Points 5G - January 2020 Media Release.docx

Hi s22

Some changes for consideration.

Cheers,  
s47F

---

**From:** s22  
**Sent:** Friday, 10 January 2020 10:50 AM  
**To:** s47F  
**Cc:** s22  
**Subject:** FW: Talking Points 5G - January 2020 Media Release [SEC=OFFICIAL]

Hi s47F

As discussed can ARPANSA please review the attached talking points to go to the CMO and MO with the CMO statement on 5G in case they are asked for further comment following publication?

Cheers,

s22

---

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## Talking Points 5G Media Release

- The Community should be reassured that 5G technology is safe.
- There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.
- The position of the Australian Government Department of Health is supported by health authorities and expert bodies around the world including the World Health Organization and the International Commission on Non-Ionizing Radiation Protection.
- The radio waves which the general public is exposed to from telecommunications are not hazardous to human health.
- Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.
- To ensure the public remains protected, ARPANSA established limits for RF EME through a standard.
- This standard, which already covers 5G technologies, is designed to protect people from exposure to radio waves. Under the Australian Communications and Media Authority's regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA standard.
- The Australian Government recently announced an investment of \$9 million over four years to build the public confidence in the safety of telecommunications networks.
- The new initiative will include additional scientific research and public education to build on existing EME Safety Programs.

s22

**From:** s47F  
**Sent:** Friday, 17 January 2020 2:01 PM  
**To:** s22  
**Cc:** s22  
**Subject:** FW: Publication of CMO Statement of 5G [SEC=OFFICIAL]  
**Attachments:** Draft CMO Statement on 5G and Health.DOCX

Hi s22

Thanks for the opportunity to comment. We've suggested some changes in track changes in the attached version.

Happy to discuss.

Thanks, s47F



s47F  
Director / Infrastructure Deployment / Telecommunications Market Policy  
Department of Communications and the Arts  
s47F

2 Phillip Law Street, Canberra ACT 2601  
GPO Box 2154 Canberra, ACT 2601

communications.gov.au / @CommsAu  
arts.gov.au / @artsculturegov

*I would like to acknowledge the traditional custodians of this land on which we meet, work and live. I recognise and respect their continuing connection to the land, waters and communities. I pay my respect to Elders past and present and to all Aboriginal and Torres Strait Islanders.*

Classified by s22 OFFICIAL

**From:** s22  
**Sent:** Thursday, 16 January 2020 5:28 PM  
**To:** s47F  
**Cc:** s22  
**Subject:** FW: Publication of CMO Statement of 5G [SEC=OFFICIAL]

Hi s47F ,

As discussed we have drafted a statement for the CMO to publish about 5G and health (see draft statement attached) to address public misinformation regarding health and 5G and publically outline the Department's perspective on this issue.

At this stage we are thinking that it would be published Tuesday next week, but grateful if you could let us know if you have any issues with the proposed timing or comments.

Cheers,

s22

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NOTICE: This email message is for the sole use of the intended recipient(s) and may contain confidential and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

This message has been content scanned by the Axway MailGate.

## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, about the safety of the new generation 5G mobile phone network**

I'd like to reassure the community that 5G technology is safe.

There is no evidence that electromagnetic energy emissions from telecommunication technologies, such as 5G mobile equipment and devices, cause adverse health impacts.

This position is supported by health authorities in Australia – such as the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) – and around the world, such as the World Health Organization (WHO).

Mobile phone networks and other wireless telecommunications emit low-powered non-ionising radiation also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The EME to which the general public is exposed from telecommunications are not hazardous to human health.

To ensure the public remains protected, ARPANSA established limits for EME through its Standard. This Standard is designed to protect people from over exposure to EME. Limits are set well below the levels where there is evidence of some biological effects such as tissue heating.

Under the Australian Communications and Media Authority's regulatory framework, telecommunications facilities and devices, including new 5G technology, have to comply with the exposure limits set out in the ARPANSA Standard.

In order to further improve understanding about this issue, the Australian Government recently announced an investment of \$9 million over four years to assure the public of the safety of telecommunications networks, including new 5G mobile networks.

New initiatives under the Enhanced EME Program will include more targeted scientific research and public information to address community concerns.

Further information about exposure to the 5G network is available from the [ARPANSA website](#), including:

- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)

s22

**From:** s22  
**Sent:** Monday, 20 January 2020 2:10 PM  
**To:** 'Chris Althaus'  
**Cc:** s47F NORRIS, Sarah; s22  
**Subject:** RE: CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

Hi Chris,

Thanks for following up.

We are planning to publish by the end of the week.

I have copied in Sarah Norris and s22 – they will alert you as soon as we have published.

Thanks

Kind regards,

s22

Executive Officer to Professor Brendan Murphy  
Chief Medical Officer

Australian Government Department of Health  
s22

✉ MDP 84, GPO Box 9848, Canberra ACT 2601

EA to Professor Murphy: s22

---

**From:** Chris Althaus  
**Sent:** Monday, 20 January 2020 2:07 PM  
**To:** s22  
**Cc:** s47F  
**Subject:** RE: CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

Hi s22  
Can you advise the status of the CMO statement re 5G you circulated late in 2019.  
Thanks and best regards  
Chris

Chris Althaus  
Chief Executive  
Australian Mobile  
Telecommunications Association Ltd  
02 6232 4488  
s47F  
[www.amta.org.au](http://www.amta.org.au)

---

**From:** Chris Althaus <[Chris.Althaus@amta.org.au](mailto:Chris.Althaus@amta.org.au)>  
**Sent:** Monday, 23 December 2019 9:17 AM  
**To:** s22 Celia.Street@health.gov.au; s22  
**Cc:** s47F s47F  
**Subject:** Re: CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

s22  
Thank you for the email.  
This is a strong statement which AMTA supports.  
Thanks to the CMO and team.  
Regards, Merry Xmas and best for 2020.  
Chris

Chris Althaus  
CEO  
Australian Mobile  
Telecommunications Association  
s47F  
[www.amta.org.au](http://www.amta.org.au)

---

**From:** s47F  
**Sent:** Saturday, 21 December 2019, 3:09 pm  
**To:** Chris Althaus; s47F  
**Subject:** CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

Sent from my iPhone

Begin forwarded message:



From: s22

Date: 20 December 2019 at 17:12:50 AEDT

To: s47F

Cc: "MURPHY, Brendan" <[Brendan.Murphy@health.gov.au](mailto:Brendan.Murphy@health.gov.au)>, "Street, Celia" <[Celia.Street@health.gov.au](mailto:Celia.Street@health.gov.au)>, "Norris, Sarah" <[Sarah.Norris@health.gov.au](mailto:Sarah.Norris@health.gov.au)>, s22

>

Subject: RE: 5G - Health & Safety [SEC=OFFICIAL]

Hi s47F,

Many thanks for sending through Chris' letter. The team has developed a draft CMO statement, attached for AMTA's consideration.

Pending approval by the Minister's office, we plan on publishing the statement on the Department of Health website in mid-January.

Grateful if you are able to let us know if you have any concerns with the attached draft statement.

Kind regards,

s22

Executive Officer to Professor Brendan Murphy  
Chief Medical Officer

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s22

**From:** NORRIS, Sarah  
**Sent:** Monday, 20 January 2020 3:53 PM  
**To:** STREET, Celia  
**Cc:** s22 OHPR Coord  
**Subject:** FW: CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]  
**Attachments:** EME 5G - Announcement [SEC=OFFICIAL:Sensitive]

FYI – expecting to release the CMO media statement at the end of the week. Email attached provides the statement and cleared TPs.

Kind regards  
Sarah

---

**From:** s22  
**Sent:** Monday, 20 January 2020 2:10 PM  
**To:** 'Chris Althaus'  
**Cc:** s47F ; Norris, Sarah ; s22  
**Subject:** RE: CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

Hi Chris,

Thanks for following up.

We are planning to publish by the end of the week.

I have copied in Sarah Norris and s22 – they will alert you as soon as we have published.

Thanks

Kind regards,

s22

Executive Officer to Professor Brendan Murphy  
Chief Medical Officer

Australian Government Department of Health

s22  
s22  
✉ MDP 84, GPO Box 9848, Canberra ACT 2601

EA to Professor Murphy: s22

---

**From:** Chris Althaus <[Chris.Althaus@amta.org.au](mailto:Chris.Althaus@amta.org.au)>  
**Sent:** Monday, 20 January 2020 2:07 PM  
**To:** s22  
**Cc:** s47F  
**Subject:** RE: CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

Hi s22

Can you advise the status of the CMO statement re 5G you circulated late in 2019.

Thanks and best regards

Chris

Chris Althaus  
Chief Executive  
Australian Mobile  
Telecommunications Association Ltd  
02 6232 4488  
s47F  
[www.amta.org.au](http://www.amta.org.au)

---

**From:** Chris Althaus <[Chris.Althaus@amta.org.au](mailto:Chris.Althaus@amta.org.au)>  
**Sent:** Monday, 23 December 2019 9:17 AM  
**To:** s22 [Brendan.Murphy@health.gov.au](mailto:Brendan.Murphy@health.gov.au); [Celia.Street@health.gov.au](mailto:Celia.Street@health.gov.au); s22 [Sarah.Norris@health.gov.au](mailto:Sarah.Norris@health.gov.au)  
**Cc:** s47F  
**Subject:** Re: CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

s22

Thank you for the email.

This is a strong statement which AMTA supports.

Thanks to the CMO and team.

Regards, Merry Xmas and best for 2020.

Chris

Chris Althaus  
CEO  
Australian Mobile  
Telecommunications Association

---

**From:** s47F  
**Sent:** Saturday, 21 December 2019, 3:09 pm  
**To:** Chris Althaus; s47F  
**Subject:** CA : Fwd: 5G - Health & Safety [SEC=OFFICIAL]

Sent from my iPhone

Begin forwarded message:

**From:** s22  
**Date:** 20 December 2019 at 17:12:50 AEDT  
**To:** s47F  
**Cc:** "MURPHY, Brendan" <[Brendan.Murphy@health.gov.au](mailto:Brendan.Murphy@health.gov.au)>, "Street, Celia" <[Celia.Street@health.gov.au](mailto:Celia.Street@health.gov.au)>, "Norris, Sarah" <[Sarah.Norris@health.gov.au](mailto:Sarah.Norris@health.gov.au)>, s22

>

**Subject:** RE: 5G - Health & Safety [SEC=OFFICIAL]

Hi s47F

Many thanks for sending through Chris' letter. The team has developed a draft CMO statement, attached for AMTA's consideration.

Pending approval by the Minister's office, we plan on publishing the statement on the Department of Health website in mid-January.

Grateful if you are able to let us know if you have any concerns with the attached draft statement.

Kind regards,

s22

Executive Officer to Professor Brendan Murphy  
Chief Medical Officer

DOCUMENT RELEASED UNDER  
THE FREEDOM OF INFORMATION ACT  
1982 (CTH) BY THE DEPARTMENT OF HEALTH

**From:** s22  
**To:** [GATENBY, Chris](#); [Minister Colbeck DLO](#)  
**Cc:** [SHAW, Gillian](#); [NORRIS, Sarah](#); [STREET, Celia](#)  
**Subject:** EME 5G - Announcement [SEC=OFFICIAL:Sensitive]  
**Date:** Friday, 20 December 2019 12:14:24 PM  
**Attachments:** [Draft CMO Statement on 5G and Health.DOCX](#)  
[image001.png](#)

---

Hi Chris,

Thanks for following up on this joint announcement. It was great and seems to have been well received.

Following on from this Brendan Murphey is planning to make a statement as Chief Medical Officer about 5G and health (see draft statement attached). If the office is comfortable with this we would propose publishing the statement in mid-January and would develop talking points ahead of this in case the statement generates additional interest in this issue.

Grateful if you could confirm if the office is comfortable with the proposed approach and happy to discuss.

Kind regards,

s22

From: GATENBY, Chris <Chris.Gatenby@health.gov.au>  
Sent: Thursday, 12 December 2019 5:17 PM  
To: Minister Colbeck DLO s 22 ; s22  
Cc: s22 Shaw, Gillian <Gillian.Shaw@health.gov.au>;  
Norris, Sarah <Sarah.Norris@health.gov.au>  
Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

We are contacting Minister Fletchers office as this still needs to be a joint release

Sent with BlackBerry Work  
(www.blackberry.com)

From: Minister Colbeck DLO <Minister.Colbeck.DLO@health.gov.au>

Date: Thursday, 12 Dec 2019, 5:05 pm

To: Minister Colbeck DLO <Minister.Colbeck.DLO@health.gov.au>, GATENBY, Chris  
<Chris.Gatenby@health.gov.au>, s22

Cc: s22  
Norris, Sarah <Sarah.Norris@health.gov.au>

, Shaw, Gillian <Gillian.Shaw@health.gov.au>,

Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi s22

Nothing further needed for this. Thanks for following up.

Cheers

s22

Department Liaison Officer

Office of Senator the Hon Richard Colbeck

Minister for Aged Care and Senior Australians

Minister for Youth and Sport

s 22

| 02 6277 7720

Parliament House

Canberra ACT 2600

I acknowledge the Traditional Custodians of Australia and their continued connection to land, sea and community. I pay my respects to all Elders past and present.

From: s22

Sent: Thursday, 12 December 2019 4:31 PM

To: Minister Colbeck DLO s 22

Cc: Shaw, Gillian <Gillian.Shaw@health.gov.au>; Norris, Sarah <Sarah.Norris@health.gov.au>

Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi s22 ,

As discussed DoCA have given us the heads up that Minister Fletcher is likely to make an announcement in relation to EME on Sunday. We understand that he is now proposing that this would not be a joint announcement.

Please let me know if you would like us to do anything further following this advice.

Cheers,

s22

From: Minister Colbeck DLO s 22

Sent: Monday, 9 December 2019 4:02 PM

To: s22

Minister Colbeck DLO

s 22

Cc: Shaw, Gillian <Gillian.Shaw@health.gov.au>; GATENBY, Chris <Chris.Gatenby@health.gov.au>

Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL;Sensitive]

Thanks s22

s22

Department Liaison Officer

Office of Senator the Hon Richard Colbeck

Minister for Aged Care and Senior Australians

Minister for Youth and Sport

s 22

| 02 6277 7720

Parliament House

Canberra ACT 2600

I acknowledge the Traditional Custodians of Australia and their continued connection to land, sea and community. I pay my respects to all Elders past and present.

From: s22

Sent: Monday, 9 December 2019 3:35 PM

To: s22

; Minister Colbeck DLO

s 22

Cc: Shaw, Gillian <Gillian.Shaw@health.gov.au>

Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi s22 ,

Just letting you know that I have sent you and Chris an email in the Protected network in relation to this request.

Please let me know if you would like anything further in relation to this.

Happy to discuss.

Kind regards,

s22

Acting Director Environmental Health, Radiation and Nuclear Safety Policy Section

Office of Health Protection

Regulatory Policy Branch

Australian Government Department of Health

s22

s22

PO Box 9848, Canberra ACT 2601, Australia

The Department of Health acknowledges the traditional owners of country throughout Australia, and their continuing connection to land, sea and community. We pay our respects to them and their cultures, and to elders both past and present.

From: MGC <MGC@health.gov.au>

Sent: Monday, 25 November 2019 3:56 PM

To: Minister Colbeck DLO s 22

; IHD Coordination

s 22

Cc: s22

; Shaw, Gillian <Gillian.Shaw@health.gov.au>

Subject: RE: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Good afternoon

MB19-005252 has been assigned to you in PDMS

Due to MGC 1pm 20/12/2019

Regards

s22

Parliamentary Officer

People, Communication & Parliamentary Division | Corporate Operations Group

Ministerial, Governance & Cabinet Branch

Australian Government Department of Health

s22

s22

GPO Box 9848, Canberra ACT 2601, Australia

From: Minister Colbeck DLO s22

Sent: Monday, 25 November 2019 3:31 PM

To: MGC <MGC@health.gov.au>

Cc: Minister Colbeck DLO s22

; s22

s22 ; Shaw, Gillian <Gillian.Shaw@health.gov.au>

Subject: MB19-005252: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi MGC

Could you please log a request for a joint MR for Ministers Colbeck and Fletcher.

Due 20 December.

Thanks

s22



Department Liaison Officer

Office of Senator the Hon Richard Colbeck

Minister for Aged Care and Senior Australians

Minister for Youth and Sport

s 22

02 6277 7720

Parliament House

Canberra ACT 2600

I acknowledge the Traditional Custodians of Australia and their continued connection to land, sea and community. I pay my respects to all Elders past and present.

From: s22

Sent: Monday, 25 November 2019 3:18 PM

To: Minister Colbeck DLO s 22

Cc: Shaw, Gillian <Gillian.Shaw@health.gov.au>

Subject: RE: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi s22

Just wanted to follow-up with this one to let you know that within the Department, we and the media team are ready to progress with drafting an announcement on EME and 5G, together with DoCA, as soon as the office sends a request through PDMS.

I have also touched base with our colleagues in the Department of Communication and the Arts (DoCA) in relation to the potential announcement and understand that they have been discussing timing of the announcement with their office.

Happy to discuss.

Kind regards,

s22

Acting Director Environmental Health, Radiation and Nuclear Safety Policy Section

Office of Health Protection

Regulatory Policy Branch

Australian Government Department of Health

s22

PO Box 9848, Canberra ACT 2601, Australia

The Department of Health acknowledges the traditional owners of country throughout Australia, and their continuing connection to land, sea and community. We pay our respects to them and their cultures, and to elders both past and present.

From: GATENBY, Chris <Chris.Gatenby@health.gov.au>  
Sent: Monday, 18 November 2019 11:20 AM  
To: Shaw, Gillian <Gillian.Shaw@health.gov.au>; Develin, Sam <Sam.Develin@health.gov.au>  
Cc: Boyley, Matthew <Matthew.Boyley@health.gov.au>; s22  
Minister Hunt DLO s 22 ; Minister Colbeck DLO  
s 22  
Subject: RE: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Sounds good to me to draft an announcement

Chris Gatenby

Chief of Staff

Office of Senator the Hon Richard Colbeck

Minister for Aged Care and Senior Australians

Minister for Youth and Sport

Senator for Tasmania

02 6277 7720

chris.gatenby@health.gov.au

From: Shaw, Gillian <Gillian.Shaw@health.gov.au>  
Sent: Monday, 18 November 2019 9:14 AM  
To: Develin, Sam <Sam.Develin@health.gov.au>; GATENBY, Chris <Chris.Gatenby@health.gov.au>  
Cc: Boyley, Matthew <Matthew.Boyley@health.gov.au>; s22  
Minister Hunt DLO s 22 ; Minister Colbeck DLO  
s 22  
Subject: Potential Announcement - DOCA EME 5G [SEC=OFFICIAL:Sensitive]

Hi Chris and Sam,

We understand that the EME (5G) proposal to be brought forward by the Department of Communications and the Arts (DoCA) is likely to be considered shortly and, if agreed, could be announced as early as December. At that time if you wished it may be desirable for a joint media announcement to be made announcing the new funding arrangements and how this will help address community concerns about technologies like 5G. This announcement could be from either Minister Hunt or Minister Colbeck with Minister Fletcher.

Grateful for your advice if you would like us to work with DoCA to draft an announcement.

Gill

Gillian Shaw

Assistant Secretary

Regulatory Policy Branch

Office of Health Protection

Australian Government Department of Health

02 62895400

s22

From: Shaw, Gillian  
Sent: Friday, 13 September 2019 6:24 PM  
To: Develin, Sam ; GATENBY, Chris  
Cc: s 22 ; Boyley, Matthew  
Subject: DOCA EME 5G [SEC=UNOFFICIAL]

Hi Chris and Sam

Just as a heads up I have sent you in protected the latest from DoCA. We can get this back to them on Monday. I will follow up with you then.

Gill

Gillian Shaw

First Assistant Secretary (a/g)

Office of Health Protection

Australian Government Department of Health

02 6289 5400

s22

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**Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, about the safety of the new generation 5G mobile phone network**

The community should be reassured that 5G technology is safe.

There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.

This position is supported by health authorities around the world, including the World Health Organization (WHO) and the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The radio waves which the general public is exposed to from telecommunications are not hazardous to human health.

To ensure the public remains protected, ARPANSA established limits for EME through a standard. This standard is designed to protect people from exposure to radio waves. Limits are set well below the levels where there is evidence of some biological effects such as tissue heating.

Under the Australian Communications and Media Authority's regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA standard.

In order to further improve understanding about this issue, the Australian Government recently announced an investment of \$9 million over four years to build public confidence in the safety of telecommunications networks, including new 5G mobile networks.

New initiatives will include additional scientific research and public education to build on existing EME safety programs.

Further information about exposure to the 5G network is available from the [ARPANSA website](#), including:

- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)

s22

---

**From:** NORRIS, Sarah  
**Sent:** Tuesday, 21 January 2020 1:31 PM  
**To:** STREET, Celia; MURPHY, Brendan; s22  
**Cc:** s22  
**Subject:** CMO 5G Statement [SEC=OFFICIAL]  
**Attachments:** Talking Points 5G - January 2020 Media Release - ARPANSA Endorsed.DOCX; Draft CMO Statement on 5G and Health.DOCX

Hi – as discussed at today’s meeting please find attached the following documents for Friday’s release.

- The CMO 5G Statement (have included an additional link to DoCA’s new webpage on EME).
- The talking points in case of media enquiries.

Kind regards  
Sarah

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## Talking Points 5G Media Release

- The Community should be reassured that 5G technology is safe.
- There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.
- The position of the Australian Government Department of Health is supported by health authorities and expert bodies around the world including the World Health Organization and the International Commission on Non-Ionizing Radiation Protection.
- The radio waves which the general public is exposed to from telecommunications are not hazardous to human health.
- Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency electromagnetic energy.
  - This is different to ionising radiation associated with nuclear energy or use in medicine.
- To ensure the public remains protected, ARPANSA established limits for radiofrequency electromagnetic energy through a standard.
- This standard, which already covers 5G technologies, is designed to protect people from exposure to radio waves. Under the Australian Communications and Media Authority's regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA standard.
- The Australian Government recently announced an investment of \$9 million over four years to build the public confidence in the safety of telecommunications networks.
- The new initiative will include additional scientific research and public education to build on existing Electromagnetic Energy Safety Programs.

## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, about the safety of the new generation 5G mobile phone network**

I'd like to reassure the community that 5G technology is safe.

There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.

This position is supported by health authorities in Australia – such as the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) – and around the world, such as the World Health Organization (WHO).

Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The radio waves to which the general public is exposed from telecommunications are not hazardous to human health.

To ensure the public remains protected, ARPANSA established limits for EME through a Standard. This Standard is designed to protect people from exposure to radio waves. Limits are set well below the levels where there is evidence of some biological effects such as tissue heating.

Under the Australian Communications and Media Authority's regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA Standard.

In order to further improve understanding about this issue, the Australian Government recently announced an investment of \$9 million over four years to assure the public of the safety of telecommunications networks, including new 5G mobile networks.

New initiatives under the Enhanced EME Program will include more targeted scientific research and public information to address community concerns.

Further information about exposure to the 5G network is available from the [ARPANSA website](#) and the Department of Communications and the Arts website, including:

- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)
- [Radiofrequency Electromagnetic Energy Emissions](#)



s22

**From:** s47F  
**Sent:** Wednesday, 22 January 2020 10:09 AM  
**To:** s22  
**Cc:** s47F  
**Subject:** RE: Publication of CMO Statement of 5G [SEC=OFFICIAL]  
**Attachments:** Draft CMO Statement on 5G and Health.DOCX

Hi s22

Apologies – we’ve made a couple of other minor tweaks to the draft CMO statement – see attached. On reflection we thought it would be useful to include a link to ARPANSA’s Standard and also include a sentence about the long standing EME Program.

Happy to discuss,

s47F

OFFICIAL  
Classified by s22

**From:** s22  
**Sent:** Wednesday, 22 January 2020 9:27 AM  
**To:** s47F  
**Cc:** s47F  
**Subject:** RE: Publication of CMO Statement of 5G [SEC=OFFICIAL]

Hi s47F

Thank you so much for your comments.

Please note that it is now planned that the statement will go up this Friday.

Cheers,

s22

**From:** s47F  
**Sent:** Friday, 17 January 2020 2:01 PM  
**To:** s22  
**Cc:** s47F  
**Subject:** FW: Publication of CMO Statement of 5G [SEC=OFFICIAL]

Hi s22

Thanks for the opportunity to comment. We’ve suggested some changes in track changes in the attached version.

Happy to discuss.

Thanks, s47F



s47F  
Director / Infrastructure Deployment / Telecommunications Market Policy  
Department of Communications and the Arts  
s47F

2 Phillip Law Street, Canberra ACT 2601  
GPO Box 2154 Canberra, ACT 2601

communications.gov.au / @CommsAu  
arts.gov.au / @artsculturegov

*I would like to acknowledge the traditional custodians of this land on which we meet, work and live. I recognise and respect their continuing connection to the land, waters and communities. I pay my respect to Elders past and present and to all Aboriginal and Torres Strait Islanders.*

OFFICIAL  
Classified by s22

**From:** s22  
**Sent:** Thursday, 16 January 2020 5:28 PM  
**To:** s47F  
**Cc:** s22  
**Subject:** FW: Publication of CMO Statement of 5G [SEC=OFFICIAL]

Hi s47F

As discussed we have drafted a statement for the CMO to publish about 5G and health (see draft statement attached) to address public misinformation regarding health and 5G and publically outline the Department’s perspective on this issue.

At this stage we are thinking that it would be published Tuesday next week, but grateful if you could let us know if you have any issues with the proposed timing or comments.

Cheers,

s22

---

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## Talking Points 5G Media Release

- The Community should be reassured that 5G technology is safe.
- There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.
- The position of the Australian Government Department of Health is supported by health authorities and expert bodies around the world including the World Health Organization and the International Commission on Non-Ionizing Radiation Protection.
- The radio waves which the general public is exposed to from telecommunications are not hazardous to human health.
- Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency electromagnetic energy.
  - This is different to ionising radiation associated with nuclear energy or use in medicine.
- To ensure the public remains protected, ARPANSA established limits for radiofrequency electromagnetic energy through a standard.
- This standard, which already covers 5G technologies, is designed to protect people from exposure to radio waves. Under the Australian Communications and Media Authority's regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA standard.
- The Australian Government recently announced an investment of \$9 million over four years to build the public confidence in the safety of telecommunications networks.
- The new initiative will include additional scientific research and public education to build on existing Electromagnetic Energy Safety Programs.

s22

**From:** s22  
**Sent:** Thursday, 23 January 2020 8:33 AM  
**To:** s47F s22  
**Cc:** s22  
**Subject:** RE: Media Summary - Tuesday 21 January [SEC=OFFICIAL]

Hi s47F

s22 I believe has already sent it to AMTA as a follow up to their letter to Brendan – she said they were very happy with it.

Thanks

s22

**From:** s47F  
**Sent:** Wednesday, 22 January 2020 7:38 PM  
**To:** s22  
**Cc:** s22  
**Subject:** Re: Media Summary - Tuesday 21 January [SEC=OFFICIAL]

Hi s22 Is it ok if I provide the media release to AMTA under embargo?

s47F

**From:** s22  
**Sent:** Tuesday, January 21, 2020 4:37:03 PM  
**To:** s47F s22  
**Cc:** s22  
**Subject:** RE: Media Summary - Tuesday 21 January [SEC=OFFICIAL]

Hi s22

s22

Additionally, to keep you in the loop about the 5G Statement from the CMO, the attached Statement is likely to be released on Friday 24 January 2020 if nothing else changes.

We will let you know if there is any further delay to this one being released.

Thanks

s22

Assistant Director – Environmental Health, Radiation and Nuclear Safety Policy Section

Regulatory Policy Branch  
Office of Health Protection  
Australian Government Department of Health  
s22

GPO Box 9848, Canberra ACT 2601, Australia

*The Department of Health acknowledges the Traditional Custodians of Australia and their continued connection to land, sea and community. We pay our respects to all Elders past and present.*

**From:** s22  
**Sent:** Tuesday, 21 January 2020 12:46 PM  
**To:** s47F s22  
**Subject:** RE: Media Summary - Tuesday 21 January [SEC=OFFICIAL]

Hi s22

s22

Thanks

s22

**From:** s47F  
**Sent:** Tuesday, 21 January 2020 12:19 PM  
**To:** s22  
**Subject:** FW: Media Summary - Tuesday 21 January [SEC=UNCLASSIFIED]

From: ARPANSA Media <[arpansa@meltwater.com](mailto:arpansa@meltwater.com)>  
 Sent: Tuesday, 21 January 2020 9:27 AM  
 To: s47F  
 Subject: Media Summary - Tuesday 21 January



ARPANSA

5G/ Mobile phones

Science/ medical radiation

Waste

Industry/ emerging issues

UV

Hello! Welcome to your ARPANSA media summary newsletter for this morning.

## ARPANSA



### Building community confidence in 5G safety

Greg Hunt MP - 20 January 2020

The Morrison Government is investing \$9 million over four years to build public confidence in the safety of telecommunications networks —...  
 . Additional funding will be provided to **ARPANSA** for continued research on radio frequency safety. **ARPANSA**, WHO, and...

Reach: 1376

### Residents push for phone tower removal

Mountain Views Mail - Star Community - 20 January 2020

By Jed Lanyon Badger Creek residents have taken aim at a new mobile tower constructed in the area, creating a petition demanding...  
 Media Authority (ACMA) and **Australian Radiation Protection and Nuclear Safety Agency (ARPANSA)** for establishing these...

Reach: 1803

## 5G/ Mobile phones



### Better Hygiene, Fewer Hype-Beasts, and "Boomer Tech": SolarWinds IT Predictions for 2020

TechInvest Magazine Online - 20 January 2020

As we prepare for a brand-new year ahead, "Re-Vision 2020" would make a fitting label for most of the trends we expect to unbox in the next...  
 years. Prediction 2: 5G Doesn't Solve Everyone's Problems 2020's nice round digits have for some time been hyped as the "year of..."

Reach: 350

### Does The Science Of Star Wars Hold Up?

Kotaku Australia - 20 January 2020

Star Wars: The Rise Of Skywalker, the final film in the epic Star Wars series, will hit the big screens on December 19. Science fiction in...  
 to 1,000 times smaller – and considerably less expensive – than current **radiofrequency**-based accelerators such as the LHC. In this...

Reach: 678278

### Ofcom to release more spectrum to meet Wi-Fi demand

Critical Comms - 20 January 2020

Ofcom is set to release more spectrum in a bid to meet growing Wi-Fi demands, as UK households consume 315 GB of broadband data a month....

and testing manufactured products, and **health** screening applications — for earlier detection of conditions such as skin...

Reach: 2205

## Science/ medical radiation



### Magnetised molecules used to monitor breast cancer

Daily Mail Online - 21 January 2020

A scan that involves magnetising molecules can let doctors see in real time which regions of a breast tumour are active, new research...  
 272C) and exposed it to extremely strong magnetic fields and microwave **radiation**. The frozen material was then thawed and...

Reach: 92962710

### Prolonged breath-holding could have potential as part of new treatment for cardiac arrhythmias

The Medical News - 20 January 2020

A technique that enables patients suffering from heart conditions to hold their breath safely for over 5 minutes could have potential as...  
 cardiac ablation much more precisely. The advantage of radiotherapy over **radiofrequency** or freezing is that radiotherapy is...

Reach: 2843927

### Securing Radiological Sources on Go

Mirage News - 21 January 2020

A well logging configuration for MSTs consists of radiation measurement devices, radiofrequency tags and other loss detection technology....

A well logging configuration for MSTs consists of **radiation** measurement devices, **radiofrequency** tags and other loss...

Reach: 219988

### The most common cancers for each age group have been revealed - and the key symptoms you need to know about NOW

Daily Mail Online - 20 January 2020

One in two Australians will be diagnosed with cancer by the time they're 85 Family history, age and lifestyle factors can contribute to...

biopsy a nodule,' Dr Chai said. He added: 'A **nuclear medicine** scan may also be performed in conjunction with an ultrasound to...

Reach: 92962710

### Why advanced bladder cancer still remains as deadly as it was 30 years ago?

The Medical News - 21 January 2020

Despite research showing that aggressive treatment with surgery, chemotherapy and radiation can extend the lives of and even cure patients...

41.3% had a radical cystectomy and 7.6% received **radiation therapy**. The authors note that patients treated at centers with high...

Reach: 2843927

## Waste



### Nuclear waste could be recycled for diamond battery power

Mirage News - 20 January 2020

The structure of Graphite blocks in a nuclear reactor EDF Energy Aerial view of the Berkeley...

in 1989 and it has only just become safe to start removing **radioactive waste** products from the plant. These are currently stored...

Reach: 219988

## Industry/ emerging issues



### 105.7 ABC Darwin at January 21st 2020 7:00 AM

105.7 ABC Darwin - 21 January 2020

limits on **uranium** enrichment Middle East correspondent Eric torture reports Iran is threatening to leave the nuclear **non-proliferation**

Reach: 21600

### 2GB Radio at January 20th 2020 11:25 PM

2GB Radio - 20 January 2020

go anywhere near won't have a bar of even talking about **nuclear power** which which again zero emissions just makes absolutely no sense to me

Reach: 25000

### ABC Radio National at January 20th 2020 2:10 PM

ABC Radio National - 20 January 2020

to **nuclear power** plants the atomic weapons now ordinary **uranium** consists of two forms two isotopes mainly one common form is called

**Uranium**

Reach: 0

### Bob Katter hails remote spots as safe for nuclear reactors

The Daily Telegraph (Licensed by Copyright Agency) - 21 January 2020

A NUCLEAR reactor could be built in north west Queensland because the uranium deposits are there, the terrorists...

NUCLEAR reactor could be built in north west Queensland because the **uranium** deposits are there, the terrorists have multiple...

Reach: 3209328

### Every day Europe dithers, Iran's uranium enrichment program grows

Brisbane Times (Licensed by Copyright Agency) - 20 January 2020

If the administration of President Donald Trump did indeed try to bully Europe into doing the right thing on Iran's...

two weeks ago, when the regime announced it was suspending limits on **uranium** enrichment and removing all curbs on the number of...

Reach: 819482

**Green light for Rio in Kakadu uranium stoush**

Financial Review (Licensed by Copyright Agency) - 20 January 2020  
Share Rio Tinto has been boosted by a Takeovers Panel ruling that will allow the miner to compulsorily acquire all...  
million equity raising that is designed to fund rehabilitation of ERA's old **uranium** mines in the Northern Territory. Rio owns 68...  
**Reach:** 2479794

**The search for truth is being obscured by social media assertions**

The Australian (Licensed by Copyright Agency) - 21 January 2020  
John Carroll did a valiant job ("The tyranny of opinion", 18/1). It has been my practice to read and digest what...  
, 20/1) for reminding us that in the past 60 years **nuclear power** plants have changed significantly. Small reactors can be flexible...  
**Reach:** 2548396

**UV**



**Genetic glaucoma test could be available within two years**

Ntnews.com.au (Licensed by Copyright Agency) - 21 January 2020  
A new online tool will help Australians check their risk of developing melanoma has been launched in Queensland....  
results based on the seven risk factors for **melanoma** including hair colour, age and **sunscreen** use. But health authorities...  
**Reach:** 211039

Meltwater - 225 Bush St Suite 1000, San Francisco, California 94104 USA

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## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, about the safety of the new generation 5G mobile phone network**

I'd like to reassure the community that 5G technology is safe.

There is no evidence telecommunication technologies, such as 5G, cause adverse health impacts.

This position is supported by health authorities in Australia – such as the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) – and around the world, such as the World Health Organization (WHO).

Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The radio waves to which the general public is exposed from telecommunications are not hazardous to human health.

To ensure the public remains protected, ARPANSA established limits for EME through a Standard. This Standard is designed to protect people from exposure to radio waves. Limits are set well below the levels where there is evidence of some biological effects such as tissue heating.

Under the Australian Communications and Media Authority's regulatory framework, all telecommunications, including new 5G technology, have to comply with the exposure limits in the ARPANSA Standard.

In order to further improve understanding about this issue, the Australian Government recently announced an investment of \$9 million over four years to assure the public of the safety of telecommunications networks, including new 5G mobile networks.

New initiatives under the Enhanced EME Program will include more targeted scientific research and public information to address community concerns.

Further information about exposure to the 5G network is available from the [ARPANSA website](#) and the Department of Communications and the Arts website, including:

- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)
- [Radiofrequency Electromagnetic Energy Emissions](#)



**From:** s22  
**To:** s22  
**Cc:** s22  
**Subject:** Draft CMO Statement [SEC=PROTECTED]  
**Date:** Monday, 16 December 2019 1:53:15 PM  
**Attachments:** [Draft CMO Statement on 5G and Health ARPANSA Approved.docx](#)

---

Hi s22

I've made some amendments as suggested by ARPANSA. Could we please discuss?

Thanks

s22

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## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, on health and the new generation of mobile phone network 5G**

*The community should be reassured that 5G technology is safe*

There is no evidence that telecommunication technologies, such as 5G, cause adverse health impacts. This position is supported by health authorities around the world, including the World Health Organization (WHO) and the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA).

Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The radio waves which the general public is exposed to from telecommunications are not hazardous to human health.

To ensure the public remains protected, the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) established limits for EME through a standard. This is designed to protect people from exposure to radio waves and limits are set well below the levels where there is evidence of some biological effects such as tissue heating. Under the Australian Communications and Media Authority's (ACMA's) regulatory framework, all telecommunications, including new 5G technology, has to comply with the exposure limits in the ARPANSA standard, which is enforced by ACMA.

In order to further improve understanding about this issue, the Australian Government recently announced that an enhanced EME program will be established.

Under the enhanced program, additional funding will be provided for:

- Targeted research, including research on the use of higher frequencies;
- More environmental measurement studies of EME in the community; and
- More information for, and engagement with, the public about the safety and regulation of EME.

Further information about exposure to the 5G network is available from the [ARPANSA website](#), including:

- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)

**From:** s47F  
**To:** s22  
**Cc:** s22 s47F  
**Subject:** RE: Draft CMO Statement 5G [SEC=PROTECTED]  
**Date:** Friday, 13 December 2019 1:05:49 PM  
**Attachments:** [Draft CMO Statement on 5G and Health.docx](#)

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Hi s22

Please see attached with marked up edit and comments.

Happy to leave you considering the comment. As for the edit, the ACMA technically only adopt our exposure limits in the standard rather than the whole standard.

Cheers,

s47F

---

**From:** s22

**Sent:** Friday, 6 December 2019 10:58 AM

**To:** s47F

**Cc:** s47F ; s22

**Subject:** Draft CMO Statement 5G [SEC=PROTECTED]

Hi s47F

We have drafted a statement from the CMO to release regarding 5G as per AMTA's request. We have drafted it with the intention of it being released after the Ministerial announcement about the new EME program (if approved).

We would be grateful if ARPANSA could please review the statement to ensure it is accurate and consistent with ARPANSA advice on EME/5G.

Thanks for your help and let me know if you have any questions.

Thanks

s22

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## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, on health and the new generation of mobile phone network 5G**

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- [5G and your health](#)
- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)

**From:** s22  
**To:** s47F  
**Cc:** s47F ; s22  
**Subject:** Draft CMO Statement 5G [SEC=PROTECTED]  
**Date:** Friday, 6 December 2019 10:58:00 AM  
**Attachments:** [Draft CMO Statement on 5G and Health.docx](#)

---

Hi s47F

We have drafted a statement from the CMO to release regarding 5G as per AMTA's request. We have drafted it with the intention of it being released after the Ministerial announcement about the new EME program (if approved).

We would be grateful if ARPANSA could please review the statement to ensure it is accurate and consistent with ARPANSA advice on EME/5G.

Thanks for your help and let me know if you have any questions.

Thanks

s22

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- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)

**From:** s22  
**To:** s22  
**Cc:** s22  
**Subject:** RE: cmo media [SEC=PROTECTED]  
**Date:** Friday, 6 December 2019 10:38:31 AM  
**Attachments:** [Draft CMO Statement on 5G and Health.docx](#)  
[image001.png](#)

---

Hi s22

I've made some very minor changes to help the statement read a bit easier.

Let me know if you have any questions.

Thanks

s22

---

**From:** s22  
**Sent:** Friday, 6 December 2019 9:23 AM  
**To:** s22  
**Subject:** cmo media [SEC=PROTECTED]

s22

s22

Regulatory Policy Branch | Office of Health Protection

Department of Health

GPO Box 9848, Canberra ACT 2601

s22 | Director | s22

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## **Statement from Australia's Chief Medical Officer, Professor Brendan Murphy, on health and the new generation of mobile phone network 5G**

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Mobile phone networks and other wireless telecommunications emit low-powered radio waves also known as radiofrequency (RF) electromagnetic energy (EME). This is different to ionising radiation associated with nuclear energy or use in medicine.

The radio waves which the general public is exposed to, as a result of telecommunications, is not hazardous to human health.

To ensure that this remains the case, the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) has established limits for EME through a standard. This is designed to protect people from exposure to radio waves and limits are set well below the levels where there is evidence of some biological effects such as tissue heating. All telecommunications, including new 5G technology, has to comply with the ARPANSA standard, which is enforced by the Australian Communications and Media Authority.

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- [Misinformation about Australia's 5G network](#)
- [5 facts on 5G](#)



**From:** s22  
**To:** s22  
**Subject:** cmo media [SEC=PROTECTED]  
**Date:** Friday, 6 December 2019 9:22:58 AM  
**Attachments:** [Draft CMO Statement on 5G and Health.docx](#)  
[image001.png](#)

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s22  
s22

Regulatory Policy Branch | Office of Health Protection  
Department of Health  
GPO Box 9848, Canberra ACT 2601  
s22 Director | s22

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The radio waves which the general public is exposed to as a result of the use of telecommunications is not hazardous to human health.

To ensure that this remains the case the Australian Radiation Protection and Nuclear Safety Agency has established limits for EME through a standard. This is designed to protect people from exposure to radio waves and limits are set well below the levels where there is evidence of some biological effects such as tissue heating. All telecommunications including new 5G technology has to comply with the ARPANSA standard, which is enforced by the Australian Communications and Media Authority (ACMA).

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**From:** s22  
**To:** s22  
**Subject:** cmo statement [SEC=OFFICIAL]  
**Date:** Thursday, 5 December 2019 5:15:19 PM  
**Attachments:** [image001.png](#)  
[Draft CMO Statement on 5G and Health.docx](#)

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s22

Acting Director – Environmental Health, Radiation and Nuclear Safety Policy Section

  
Office of Health Protection  
Regulatory Policy Branch  
Australian Government Department of Health

T: s22

s22

PO Box 9848, Canberra ACT 2601, Australia

*The Department of Health acknowledges the traditional owners of country throughout Australia, and their continuing connection to land, sea and community. We pay our respects to them and their cultures, and to elders both past and present.*

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The radio waves which the general public is exposed to as a result of the use of telecommunications is not hazardous to human health.

To ensure that this remains the case the Australian Radiation Protection and Nuclear Safety Agency has established EME exposure limits designed to protect people from exposure to radio waves. The 5G network has to comply with the ARPANSA standard, which is enforced by the Australian Communications and Media Authority (ACMA).

Some people have reported a range of non-specific health issues that they attribute to low-level radio waves and other electromagnetic sources. This is known as electromagnetic hypersensitivity (EHS). These symptoms are real but EHS is not a medically recognised syndrome and scientific studies have not found any evidence that radio waves are the cause.

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