5G & RF/EMF | Original Research Links

20 referenced studies, scientific reviews, technical standards, and government sources • Prepared October 9, 2026

This is the PDF version of the source-link index included in the research kit for HHS docket **HHS-OASH-2026-0397**. Each displayed URL is also a clickable hyperlink. “Source” links may open an article page, PubMed record, or official government page; “PDF” points to a downloadable document when included. Publisher access restrictions may apply.

[1] Karipidis et al. (2024) - human cancer, Part I

Systematic review | 63 human epidemiologic articles

Karipidis K, et al. The effect of exposure to radiofrequency fields on cancer risk in the general and working population, Part I. Environment International 191:108983 (2024).

Source: https://pubmed.ncbi.nlm.nih.gov/39241333/

Original PDF: https://sfrp.asso.fr/wp-content/uploads/2024/11/karipidis-2024.pdf

DOI: https://doi.org/10.1016/j.envint.2024.108983

[2] Karipidis et al. (2025) - human cancer, Part II

Systematic review | less-studied human cancers

Karipidis K, et al. The effect of exposure to radiofrequency fields on cancer risk in the general and working population, Part II. Environment International 196:109274 (2025).

Source: https://pubmed.ncbi.nlm.nih.gov/39904670/

DOI: https://doi.org/10.1016/j.envint.2025.109274

[3] Calderon, Addison & Peyman (2025) - measured 5G emissions

Field measurements | 56 base stations, 30 public sites

Calderon C, Addison D, Peyman A. In-Situ Measurements of Radiofrequency Electromagnetic Fields Around 5G Macro Base Stations in the UK. Bioelectromagnetics 46:e70012 (2025).

Source: https://pmc.ncbi.nlm.nih.gov/articles/PMC12207951/

DOI: https://doi.org/10.1002/bem.70012

[4] Pophof et al. (2024) - human cognition

Systematic review | 76 human experiments

Pophof B, et al. The effect of exposure to radiofrequency electromagnetic fields on cognitive performance in human experimental studies. Environment International 191:108899 (2024).

Source: https://www.sciencedirect.com/science/article/pii/S0160412024004859

DOI: https://doi.org/10.1016/j.envint.2024.108899

[5] Bosch-Capblanch et al. (2024) - human symptoms

Systematic review | 41 human experiments

Bosch-Capblanch X, et al. The effects of RF electromagnetic fields exposure on human self-reported symptoms: A systematic review of experimental studies. Environment International 187:108612 (2024).

Source: https://pubmed.ncbi.nlm.nih.gov/38640611/

DOI: https://doi.org/10.1016/j.envint.2024.108612

[6] Mevissen et al. (2025; corrected 2026) - animal tumors

Systematic review + published correction | animals

Mevissen M, et al. Effects of radiofrequency electromagnetic field exposure on cancer in laboratory animal studies: a systematic review. Environment International 199:109482 (2025); corrigendum 214:110368 (2026).

Source: https://pubmed.ncbi.nlm.nih.gov/42442967/

DOI: https://doi.org/10.1016/j.envint.2026.110368

[7] Belenki et al. (2026) - independent animal reappraisal

Methodological reanalysis | 2026

Belenki D, Baaken D, Meyer F, Kuhne J. Commentary on systematic review of RF field exposure and animal cancer. Environment International 209:110154 (2026).

Source: https://pubmed.ncbi.nlm.nih.gov/41802968/

DOI: https://doi.org/10.1016/j.envint.2026.110154

[8] Karipidis et al. (2021) - high-frequency 5G review

Review | 107 experiments, 31 epidemiologic studies

Karipidis K, Mate R, Urban D, Tinker R, Wood A. 5G mobile networks and health: a state-of-the-science review of low-level RF above 6 GHz. J Expo Sci Environ Epidemiol 31:585-605 (2021).

Source: https://pmc.ncbi.nlm.nih.gov/articles/PMC8263336/

Original PDF: https://www.nature.com/articles/s41370-021-00297-6.pdf

DOI: https://doi.org/10.1038/s41370-021-00297-6

[9] Michelant et al. (2026) - controlled 26 GHz EEG

Randomized triple-blind crossover | 31 adults

Michelant L, et al. Millimeter-wave high frequency 5G (26 GHz) electromagnetic fields do not modulate human brain electrical activity. Environmental Research 289:123349 (2026).

Source: https://pubmed.ncbi.nlm.nih.gov/41265672/

DOI: https://doi.org/10.1016/j.envres.2025.123349

[10] National Cancer Institute (2024) - U.S. evidence overview

U.S. government health evidence assessment

U.S. National Cancer Institute. Cell Phones and Cancer Risk (reviewed April 4, 2024).

Source: https://www.cancer.gov/about-cancer/causes-prevention/risk/radiation/cell-phones-fact-sheet

[11] NTP/NIH (2018) - high-exposure rodent findings

Primary government report of animal research

U.S. National Institutes of Health. High exposure to radio frequency radiation associated with cancer in male rats (2018).

Source: https://www.nih.gov/news-events/news-releases/high-exposure-radio-frequency-radiation-associated-cancer-male-rats

[12] IARC advisory priorities 2025-2029

WHO/IARC hazard-classification planning report

International Agency for Research on Cancer. Advisory Group Report on Priorities for IARC Monographs During 2025-2029 (2024).

Source: https://monographs.iarc.who.int/wp-content/uploads/2024/11/AGP_Report_2025-2029.pdf

Original PDF: https://monographs.iarc.who.int/wp-content/uploads/2024/11/AGP_Report_2025-2029.pdf

[13] ICNIRP (2020) - RF exposure guidelines

Exposure protection framework | through 300 GHz

International Commission on Non-Ionizing Radiation Protection. Guidelines for Limiting Exposure to Electromagnetic Fields (100 kHz to 300 GHz). Health Physics 118:483-524 (2020).

Source: https://www.icnirp.org/en/publications/article/rf-guidelines-2020.html

Original PDF: https://www.icnirp.org/cms/upload/publications/ICNIRPrfgdl2020.pdf

DOI: https://doi.org/10.1097/HP.0000000000001210

[14] IEEE C95.1-2019 - electromagnetic exposure standards

Standards framework | not an epidemiologic study

IEEE. Standard C95.1-2019, Safety Levels for Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz.

Source: https://standards.ieee.org/ieee/C95.1/4940/

DOI: https://doi.org/10.1109/IEEESTD.2019.8859679

[15] WHO (2020) - 5G technical health Q&A

Public health guidance | background, not a new trial

World Health Organization. Radiation: 5G mobile networks and health (2020).

Source: https://www.who.int/news-room/questions-and-answers/item/radiation-5G-mobile-networks-and-health

[16] UKHSA (2025) - Wi-Fi exposure and health

National public-health guidance

UK Health Security Agency. Wi-Fi radio waves and health (updated February 19, 2025).

Source: https://www.gov.uk/government/publications/wireless-networks-wi-fi-radio-waves-and-health/wi-fi-radio-waves-and-health

[17] ARPANSA - smart meters and health

National regulator assessment

Australian Radiation Protection and Nuclear Safety Agency. Smart meters and health.

Source: https://www.arpansa.gov.au/understanding-radiation/radiation-sources/more-radiation-sources/smart-meters

[18] Johnson et al. (2024) - female reproductive outcomes

Human observational systematic review

Johnson EE, et al. The effects of radiofrequency exposure on adverse female reproductive outcomes. Environment International 190:108816 (2024).

Source: https://www.sciencedirect.com/science/article/pii/S0160412024004021

DOI: https://doi.org/10.1016/j.envint.2024.108816

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[19] U.S. brain cancer incidence trends (2025)

Ecological trend analysis using SEER

Muscat JE, et al. Trends in Malignant and Benign Brain Tumor Incidence and Mobile Phone Use in the U.S. (2000-2021): A SEER-Based Study (2025).

Source: https://pmc.ncbi.nlm.nih.gov/articles/PMC12193503/

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[20] HHS Federal Register RFI (2026)

Official RFI | comment deadline October 21, 2026

U.S. Department of Health and Human Services. Request for Information on EMFs, RF radiation, and wireless radiation exposure. 91 FR 59792-59794, document 2026-19252.

Source: https://www.govinfo.gov/content/pkg/FR-2026-09-21/html/2026-19252.htm

Original PDF: https://www.govinfo.gov/content/pkg/FR-2026-09-21/pdf/2026-19252.pdf

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