

5G Emulator Mission Narrative FCC 442 Confidentiality Addendum

Addendum for Confidential Processing of
5G Emulator Mission Narrative
Application for FCC Form 442 Experimental Radio Service

STA Confirmation Number: EL164288
STA File Number: 0192-EX-ST-2022
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Lincoln Laboratory

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The Federal Communications Commission Code of Federal Regulations § 0.459 “Requests that materials or information submitted to the Commission be withheld from public inspection” states that: (b) Except as provided in § 0.459 (a) (3), each such request shall contain a statement of the reasons for withholding the materials from inspection and of the facts upon which those records are based, including:

(1) Identification of the specific information for which confidential treatment is sought;

Answer 1: *“5G Emulator Mission Narrative” Statement has been prepared by Massachusetts Institute of Technology Lincoln Laboratory (MIT LL).*

(2) Identification of the Commission proceeding in which the information was submitted or a description of the circumstances giving rise to the submission;

Answer 2: *“5G Emulator Mission Narrative” is included in the electronic filing of Application File Number 0192-EX-ST-2022 submitted by MIT LL to FCC Office of Engineering and Technology for Form 442 Experimental Radio Service (Other Than Broadcast).*

(3) Explanation of the degree to which the information is commercial or financial, or contains a trade secret or is privileged;

Answer 3: *Mission objectives, funding agency, and program timelines are considered to be confidential information which require safeguarding or dissemination controls pursuant to and consistent with applicable law, regulations, and government-wide policies.*

(4) Explanation of the degree to which the information concerns a service that is subject to competition;

Answer 4: *Recent auctions for mid-band 5G spectrum resulted in billions of dollars from competing telecom providers, testing will occur in these bands but will not result in service competition.*

(5) Explanation of how disclosure of the information could result in substantial competitive harm;

Answer 5: *MIT LL operates not-for-profit federal research and development center under prime contract to U. S. Air Force and, as such, is subject to Defense Federal Acquisition Regulation Supplement regulations to protect confidential data defined as information which requires safeguarding or dissemination controls pursuant to and consistent with applicable law, regulations, and government-wide policies but is not classified under Executive Order 13526 or the Atomic Energy Act, as amended. Failure to protect information could result in lack of future access to said information (among other penalties).*

(6) Identification of any measures taken by the submitting party to prevent unauthorized disclosure;

Answer 6: *Per government sponsor request 5G Emulator Mission Narrative is marked as Confidential*

(7) Identification of whether the information is available to the public and the extent of any previous disclosure of the information to third parties;

Answer 7: *Some mid-band 5G information has been published with respect to operational legacy systems such as altimeters (<https://www.nytimes.com/2022/01/19/business/5g-radio-altimeters-airlines.html>)*

*and some high level information has been released regarding 5G experimentation
(<https://www.defense.gov/News/Releases/Release/Article/2376743/dod-announces-600-million-for-5g-experimentation-and-testing-at-five-installati/>).*

(8) Justification of the period during which the submitting party asserts that material should not be available for public disclosure; and

Answer 8: A pre-publication review must be conducted in accordance with DoDI 5230.09 before public release may be authorized.

(9) Any other information that the party seeking confidential treatment believes may be useful in assessing whether its request for confidentiality should be granted.

Answer 9: *No further inform*