

The Boeing Company

Submitted by:

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Description of Operation:

The Boeing Company is developing new radio technologies in which testing is required for possible future use case. Testing will be low powered and contained to three (3) operating locations. A single frequency is being requested at each GHz between 8.5-40GHz (8.5GHz \pm 300MHz, 9GHz \pm 300MHz, 10GHz \pm 300MHz 39GHz \pm 300MHz, 40GHz \pm 300MHz). Testing will utilize an unmodulated carrier wave.

Area of Operation:

Location, Frequencies, and Emissions:

Location 1:

Name:	Thurmont, MD
Location Information:	39-32-41N, 77-22-16W
Frequencies:	8.5GHz – 40GHz
Station Class:	FX
Emission Designator:	N0N
Power (EIRP):	1mW
Power (ERP):	610 μ W

Location 2:

Name:	Germantown, MD
Location Information:	39-12-07N, 77-15-46W
Frequencies:	8.5GHz – 40GHz
Station Class:	FX
Emission Designator:	N0N
Power (EIRP):	1mW
Power (ERP):	610 μ W

Location 3:

Name:	Germantown, MD
Location Information:	39-13-16N, 77-13-23W
Frequencies:	8.5GHz – 40GHz
Station Class:	FX
Emission Designator:	N0N
Power (EIRP):	1mW
Power (ERP):	610 μ W

Stop Buzzer:

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Auxiliary Information:

Testing will be performed between September 1, 2022 – September 1, 2024. Extensions to these dates may be needed if testing is not completed by the dates mentioned above.