



dense air

Dense Air Ltd
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7th November 2023

Federal Communications Commission
Office of Engineering and Technology
7435 Oakland Mills Road
Columbia, Maryland 21046
RE: FCC Application - Cover Letter

FCC ID: 2BBSF-SC11-AAB

To Whom It May Concern,

This letter is submitted as the cover letter in support of the certification application for the Dense Air STC-v11-Node-n77, Model: AAB.

The Dense Air STC-v11-Node-n77, Model: AAB unit is a Composite device as per 2.947(f) of the FCC rules as it contains both a licenced 5G Small Cell Base Station and an unlicenced 60GHz mmWave transmitter in the same enclosure.

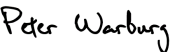
The individual transmitters are subject to different technical standards and each transmitter complies with the technical standards defined in the applicable rule parts.

The 5G Small Cell Base Station operates in the 3.7GHz Service Band 3.7-3.98GHz (known as n77) and meets the technical requirements of FCC Part 27.

The 60GHz mmWave Transceiver operates in the Unlicenced 57-71GHz band and meets the technical requirements of FCC Part 15.255 for products other than fixed field disturbance sensors and short range devices for interactive motion sensing.

Type of request: Original certification

Yours Faithfully,

DocuSigned by:

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Name: Peter Warburg
Job Title: Senior Certification Engineer