

Exhibit for KDB: FCC ID: LKT-BMAX-BA4M-A25

1) General description of device and applicable rule parts/sections

TNB, operates in 5 MHz channel 2498.5 to 2599.55MHz, 6.76 watts conducted power, 0.0018% frequency tolerance, emission designator 4M77W7D, and in 10 MHz channel 2501-2597 MHz, 6.76 watts conducted power, 0.0003% frequency tolerance, emission designator: 9M60W7D, both bandwidths use OFDM (BPSK,4QAM, 16QAM, 64QAM). The product has an outdoor radio unit (ODU) and indoor units that contains power supplies, Ethernet 10/100BT interface, and network management section.

2) Summary of what the unique technology is

Applicant's answer:

[quote] We comply to the FCC part 27 on the radio part and to the 802.16D version of the WiMax on the modem and radio performance part as EVM, sensitivity, dynamic range etc... More information on the 802.16D can be found on the WEB under the WiMax forum activity. [end of quote]

3) Operational description and manual

[These exhibits are uploaded to EAS](#)

4) Test procedures used and data, including justification for subset of operational modes if selected

[Test report is uploaded to EAS](#)

5) Info about how device operates as fixed, mobile, or portable within the network protocol, e.g., channel bandwidths, modulations, power control / adjustments

[Outdoor applications – antenna installation on permanent structure and integral antennas.](#)

6) Availability of and specific test equipment required, or justification how FTM represents and covers end-use conditions

[Test report section 3.1 and 3.2 contain relevant information](#)

7) Info about applicable and/or loosely-related public standards, if any, e.g., 802.16 and Conformance standards, and what parts of these are applicable or not, how and why

[Ans. we support 801.16D standard , information can be found on WiMAX forum](#)

8) Evaluate smart-antenna modes per FCC procedures, where applicable, or for permit-but-ask submit additional details herein about adaptive antennas

[Ans. No smart antenna in this product.](#)

9) Address how allowed FCC frequency range is applicable for FDD and/or TDD modes

[Ans. we are TDD in BreezeMAX 2500 system](#)

Additional information:

"It is a common manual covering 3 frequency bands for 3 systems .. The present FCC application refers to TDD type system 2.5 GHz band . Therefore "not applicable" and "uplink/downlink" note is not relevant to our system"

10) Details about selected subchannelizations, permutations, profiles tested and why

[Ans. we support UP link subchannelization between 1,2,4,16 subchannels](#)

11) c) EAS filing must identify, justify, describe what/how/why specific "RF Profile(s)" are appropriate and used to test the device, among those in the applicable conformance documents and standards (eg 802.16, WiMAX)

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