

Subject: Response to Inquiry to FCC (Tracking Number 568455)
From: Generic Office of Engineering Technology <oetech@fccsun27w.fcc.gov>
Date: Thu, 9 Aug 2007 21:59:05 -0400 (EDT)
To: tcj@cclab.com

Inquiry:

This submission is a request for a Permit but ask procedure authorization for the following:

Submittal using FCC guidelines dated 12/18/2006

b. Rule part. Part 27 Subpart M
Also applicable Title 47 Parts 0,1,2,15, and 27

c. Description of the device.
Diversity Access Point @ 2.5 GHz using WiMax technology.

Broadband Radio Service
Scope B1

Devices operating according to technologies that are under development by standards organizations, industry associations and forums or adequate test procedures are not defined or published. The following are examples of these technologies:

Devices using WiMax and IEEE 802.16e standards.

d. This device is in the Permit but ask category because it uses WiMax technology. There are no published test procedures for WiMax technology. It is in category 2.

e. The test plan is identical to that followed in FCC Grant IHET7GT1. The device registered under FCC Grant IHET7GT1 is manufactured by Motorola. This device is also manufactured by Motorola and is similar to the previously registered product.

This submittal is being made by Communication Certification Laboratory, Inc. FCC FRN 0005098801 on behalf of Motorola FCC FRN 0003794419.

Since this is not the first product Motorola has registered of this type, testing has been completed to the above referenced plan. A test report and supporting information is available to be uploaded to the FCC website.

Please let me know how to proceed.
Sincerely,
Tom Jackson
President
Communication Certification Laboratory, Inc.

Response:

For PBA, please respond within this KDB no. concerning following

1) Please identify, justify, and describe:

- a) specific RF Profiles, certification profiles, test cases, test scripts that are appropriate for and were used to test this device, among those in the applicable conformance documents and standards
- b) relevant subclause cross-references to RF conformance test documents and standards, also info about availability of applicable standards
- c) specific modulations, subchannelizations, permutations used for each test
- d) specific test eqpt and setup info and installed options/add-ons

2) Please describe how FDD and/or TDD modes are allowed under FCC allocated frequency range, i.e., device channel bandwidths allowed relative to available blocks and block sizes, and how device operates within system using specific paired (uplink/downlink) or unpaired bands

3) Please submit intended operational description exhibit(s) within this KDB no.

4) Please submit intended user manual exhibit(s) within this KDB no.

5) Description of smart-antenna and/or beamforming modes if applicable

6) Please submit internal and external photos, unless those of IHET7GT1 are substantially similar

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