



BANGLADESH TELECOMMUNICATION REGULATORY COMMISSION
Shetu Bhaban, New Airport Road, Banani, Dhaka-1212

No. BTRC/LL/WI-FI (.....)/2008

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DRAFT GUIDELINES FOR USE OF WIRELESS FIDELITY TECHNOLOGY



BANGLADESH TELECOMMUNICATION REGULATORY COMMISSION

Guidelines for use of Wireless Fidelity (Wi-Fi) Technology in Bangladesh

1. INTRODUCTION:

1.1. Bangladesh Telecommunication Regulatory Commission (the Commission) has the responsibility under the Bangladesh Telecommunication Act 2001 (the Act) to ensure access to reliable and reasonably priced Internet-services for the greater number of people, as far as practicable. With this aim in view, the Commission is considering the use of Wireless Fidelity (Wi-Fi) Technology for last mile access solutions to open up new possibilities and create enabling situation for greater Internet penetration at an affordable cost.

1.2. The Commission is hereby providing guidelines for the approved commercial/non-commercial use of the Industrial, Scientific and Medical (ISM) band frequencies in Bangladesh using the Wi-Fi technology in order to ensure rapid expansion of services and accelerated increase in Internet penetration.

1.3. These guidelines are to be read subject to the Act and other relevant laws and in conjunction with the respective operators' license conditions.

1.4. These guidelines may be withdrawn, revised, updated or amended from time to time, without any prior notice, to take into consideration

various factors including but not limited to, any threat to public health, national interest, national security and pursuant to statute or court orders.

2. OPERATIONAL GUIDELINES:

2.1. As per the National Frequency Allocation Plan 2005 (NFAP 2005), spectrum from the ISM band in 2.4000-2.4835 GHz and 5.725-5.875 GHz is allocated for Wi-Fi use.

2.2. Access to the spectrum will be on shared basis. There will be no exclusive assignment to any individual or organizations, whether for private, public or commercial use.

2.3. Any Government or Private Organization/Educational Institution/Corporate Body can establish and use Wi-Fi Network on non commercial/non-profit basis.

2.4. Household/private users are not required to take any permission from the Commission or pay any levy/charge for using Wi-Fi in the given ISM band.

2.5. Both indoor and outdoor Wi-Fi is permitted in the given spectrum of ISM band. However, the maximum power output for the Wi-Fi equipment is limited to 1 watt.

2.6. All commercial Wi-Fi Hotspot operators/service providers shall possess an ISP or equivalent License (e.g., BWA License). Existing operators having such License from the Commission will be eligible to establish Wi-Fi network for providing last mile solution.

2.7. Operators/service providers will submit a detailed list of Wi-Fi outdoor Hotspots to the Commission. There will be levy/charges applicable annually for all hotspots. The levy/charge shall be charged as per the Rate List published by the Commission.

2.8. All service providers will obtain permission in the form of No Objection Certificate (NOC) from the Commission for importation, deployment, use and providing any service with Wi-Fi equipment. Guideline for Application and Application form is available at <http://www.btrc.gov.bd>. Existing ISM band operators who wish to adapt their present Wi-Fi equipment for the same purpose may also be provided permission from the Commission on case by case basis.

2.9. All vendors in possession of “Dealer Possession And Radio Communication Equipment Vendor License” issued by the Commission are eligible to apply for NOC for importation and marketing of Wi-Fi equipment in Bangladesh.

2.10. The Commission reserves the right to cancel the permission if any complication arises anytime.