



Republic of the Philippines  
**NATIONAL TELECOMMUNICATIONS COMMISSION**  
NTC Bldg., Agham Road, East Triangle, Diliman, Quezon City

MEMORANDUM CIRCULAR  
NO. 01-01-2016

SUBJECT: Multiple Gigabit Wireless Systems (MGWS) in frequencies around 60 GHz

Whereas, pursuant to RA7925 (Public Telecommunications Policy Act) and its Implementing Rules and Regulations, the radio spectrum allocation and assignment shall be subject to review in the interest of public service and in order to keep pace with the development in the wireless technology with the end in view of insuring a wider access to the limited radio spectrum and the use of cost effective technology;

Whereas, the Radiocommunication Sector of the ITU adopted Recommendation ITU-R M.2003-1 (2015) which provides for the general characteristics and radio interface standards for Multiple Gigabit Wireless Systems in frequencies around 60 GHz;

Whereas, Multiple Gigabit Wireless Systems (MGWS) are widely used for fixed, semi-fixed (transportable) and portable computer equipment for a variety of broadband applications and are expected to encompass applications for wireless digital video, audio, and control applications, as well as multiple gigabit wireless local area networks; and

Whereas, harmonized frequencies in the 60 GHz frequency range for the mobile service would facilitate the introduction of Multiple Gigabit Wireless Systems (MGWS) including radio local area networks (RLANs) and both consumers and manufacturers will benefit from global harmonization;

Wherefore, pursuant Act3846, Radio Control Law, EO546 series of 1979, RA7925, Public Telecommunications Policy Act, and in support of the thrust of the government to promote and facilitate the development of information and communications technology (ICT) throughout the country; the National Telecommunication Commission hereby promulgates the following:

**Sec. 1. Frequency Allocation**

The frequency band 57GHz to 66GHz shall be allocated for the implementation and operation of the Multiple Gigabit Wireless Systems (MGWS) and shall form part of the National Radio Frequency Allocation Table.

**Sec. 2. MGWS Devices**

Only MGWS devices with an integral antenna installed and with no external antenna socket for connecting an external antenna shall be allowed. An integral antenna is designed as a fixed part of the equipment, without the use of an external connector and as such cannot be disconnected from the equipment by a user with the intent to connect another antenna.

**Sec. 3. TYPE-APPROVAL/TYPERE-ACCEPTANCE AND REGISTRATION**

1. Only type approved/accepted MGWS devices shall be allowed for use in the country.
2. The MGWS standards and their system characteristics contained in Annex 1 of ITU-R Recommendation M.2003-1 should be used and shall form part of this Circular.

3. MGWS devices shall be subject to one time registration prior to use and shall bear NTC registration number issued by the Commission for proper identification. The Commission shall device a standard numbering scheme for the registration of MGWS.
4. Only duly accredited radio dealers/manufacturers shall buy, sell and carry on stocks MGWS devices that are legally imported, type-approved/accepted and registered with the Commission, and the same shall be included in their Sales and Stocks Report. However, any individual/entity intending to use, purchase, import MGWS devices may be allowed provided that the equipment are type-approved/accepted and shall be registered with the Commission.
5. Duly accredited radio dealers/manufacturers shall register with the Commission all imported MGWS devices not later than Five (5) days upon release from the Bureau of Customs.
6. A report of registered MGWS devices shall be submitted by the Regional Offices to the Special Licensing Branch (SLB) along with monthly regional licensing report not later than.
7. SLB shall allocate registration numbers to all Regional Offices and shall be subject to replenishment upon request and submission of the list of assigned registration numbers in a standard format.

#### Sec. 4. FEES AND CHARGES

MGWS devices shall be covered by a one-time registration fee of PHP 50.00 per unit.

#### Sec. 5. PROHIBITED ACTS AND CORRESPONDING FINES/PENALTIES

1. Sale or Possession of unregistered MGWS devices: PHP 5,000.00 per unit with forfeiture of equipment
2. Selling of MGWS devices not covered by Permit Fee: PHP 2,500.00 for the first offense, PHP 5,000.00 for the second offense, PHP 7,500.00 for the third offense, and revocation/cancellation of the dealers permit for the fourth offense
3. Illegal acquisition of MGWS devices: PHP 5,000.00 per unit and/or with forfeiture of equipment
4. Sale of illegally acquired MGWS devices: PHP 5,000.00 per unit and/or with forfeiture of the equipment.
5. Non-registration of imported MGWS devices within Five (5) days from released from the Bureau of Customs: PHP 1,000.00 per unit.
6. Selling of MGWS devices by non-NTC accredited radio dealers/manufacturers: PHP 5,000.00 per unit.
7. Operating MGWS devices without valid registration: PHP 5,000.00 per unit.


Any circular, memorandum, order or parts thereof inconsistent with the provision of this circular shall be deemed amended or superseded accordingly.

This circular shall take effect (15) days after publication in a newspaper of general circulation and three (3) certified true copies furnished the UP Law Center.

Quezon City, Philippines, January 21, 2016.

  
GAMALIEL A. CORDOBA  
Commissioner

  
DELILAH F. DELES  
Deputy Commissioner

  
EDGARDO V. CABARIOS  
Deputy Commissioner