

# Notification of the National Telecommunications Commission

On Technical Standards for Telecommunication Equipment

Re: Radiocommunication Equipment for the Global Mobile Personal Communications by Satellite (GMPCS) Service

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Whereas it is deemed appropriate to prescribe technical standards and requirements in telecommunication services, and due to the provisions requiring telecommunication equipment used in telecommunication business which have effects on the provision of telecommunication services to meet specified technical standards; pursuant to Section 51 (6) of the Act on the Organization to Assign Radio Frequency and to Regulate the Broadcasting and Telecommunication Services B.E. 2543 (2000), Section 32 paragraph 1 of the Telecommunications Business Act B.E. 2544 (2001), and Section 29 (4) of the Radiocommunications Act B.E. 2498 (1955), and its amendments, together with Section 78 paragraph 1 of the Act on the Organization to Assign Radio Frequency and to Regulate the Broadcasting and Telecommunication Services B.E. 2543 (2000), the National Telecommunications Commission hereby issues the Notification on Technical Standards for Telecommunication Equipment regarding Radiocommunication Equipment for the Global Mobile Personal Communications by Satellite (GMPCS) Service, as detailed in the Standard No. NTC TS 005 – 2548 appended hereto.

Issued on the 29<sup>th</sup> day of August B.E. 2548 (2005)

General Choochart Promphrasid

Chairman of the National Telecommunications Commission



# **Technical Standards for Telecommunication Equipment**

**NTC TS 005 — 2548**

**Radiocommunication Equipment for  
The Global Mobile Personal Communications by Satellite (GMPCS) Service**

**Office of the National Telecommunications Commission**

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**Technical Standards for Telecommunication Equipment:  
Radiocommunication Equipment for the Global Mobile Personal Communications by  
Satellite (GMPCS) Service**

**1. Scope**

This technical standard specifies the minimum technical characteristics for radiocommunication equipment for the Global Mobile Personal Communications by Satellite (GMPCS) service operating in the frequency range 1 - 3 GHz. It does not apply to radiocommunication equipment of the INMARSAT system.

**2. Technical Requirements**

The technical requirements for the radiocommunication equipment shall comply with one or more of the following standards:

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| 2.1 Recommendation ITU-R M.1343 : | Essential technical requirement of Mobile Earth Stations for Global Non-Geostationary Mobile-Satellite Service System in the bands 1 - 3 GHz   |
| 2.2 Recommendation ITU-R M.1480 : | Essential technical requirement of Mobile Earth Stations of Geostationary Mobile-Satellite Systems that are implementing the Global Mobile Personal Communications by Satellite (GMPCS)  |
| 2.3 ETSI EN 301 441 :             | Satellite Earth Station and System (SES); Harmonized EN for Mobile Earth Station (MESs); including handheld earth stations for Satellite Personal Communications Network (S-PCN) in the 1.6/2.4 GHz bands under the Mobile Satellite Service (MSS) |
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