

## Annex I TO PHASE I PROCEDURES

**Issued by Korea on January 21, 2020**

### LIST OF TECHNICAL REGULATIONS FOR THE REPUBLIC OF KOREA

*Updates from the previous version posted on **September 3, 2019** are marked in **red**.*

**IMPORTANT NOTICE:** The technical regulations posted in this Annex I are updated frequently by Korea. CABs must check for the most up-to-date versions posted on the web pages listed below and include the most recent versions on the Scope of Accreditation (ISO/IEC 17025).

- Enforcement Decree of MSIT [무선설비]  
<http://www.law.go.kr/lsSc.do?tabMenuId=tab18&query=%EB%AC%B4%EC%84%A0%EC%84%A4%EB%B9%84>
- Notifications (RRA and MSIT)  
<http://www.law.go.kr/admRulSc.do?tabMenuId=tab107#liBgcolor1>
- EMC Test Methods (KN standards)  
[https://www.rra.go.kr/ko/reference/lawList.do?lw\\_type=6](https://www.rra.go.kr/ko/reference/lawList.do?lw_type=6)
- KS Standards  
[www.rra.go.kr/ko/reference/kcsList.do](http://www.rra.go.kr/ko/reference/kcsList.do)
- EMC Test Items  
<http://www.law.go.kr/LSW/admRulLsInfoP.do?admRulSeq=2100000176640#AJAX>

The Technical Regulations are available in Korean only.

#### PHASE I

The Technical Regulations for which Ministry of Science and ICT (MSIT), Republic of Korea shall accept test reports from recognized Conformity Assessment Bodies designated by other Parties are:

- 1) Administrative provisions<sup>1</sup>
  - a. Notice on Conformity Assessment of Broadcasting and Communications Equipment (**MSIT Public Notification 2019-95, Dec 5, 2019**)
  - b. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment (**MSIT Public Notification 2019-95, Dec 5, 2019**)
- 2) Technical Requirements for Telecommunications Terminal Equipment
  - a. Standard Test Procedure on the Technical Requirements for Telecommunications Terminal Equipment (RRA Public Notification 2012-17, Sep 28, 2012)

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<sup>1</sup> Please note that these administrative provisions are not included on the designations to Korea.

- b. Technical Requirements for CATV Equipment (MSIT Public Notification 2019-78, Sep 18, 2019)
- c. Technical Requirements for Telecommunications Terminal Equipment (RRA Public Notification 2019-4, Feb 25, 2019)
- d. Conformity Assessment Procedure for Telecommunications Terminal Equipment: Applicable KS Standards (Table 1)

Standard to be listed on the Scope of Accreditation	Standard Name
KS X 3074	Conformity Assessment Test Methods for Common Requirements of Broadcasting and Telecommunication Terminal Equipment
KS X 3075	Conformity Assessment Test Methods for Terminal Equipment connected to Telephone Facilities
KS X 3077	Conformity Assessment Test Methods for Data Communication Terminal Equipment connected to Cable Television Facilities
KS X 3076	Conformity Assessment Test Methods for Terminal Equipment connected to Digital Subscriber Line
KS X 3078	Conformity assessment test methods for terminal equipment connected to digital broadcasting and telecommunication and integrated services digital network facilities
KS X 3184	Conformity assessment test methods for IPTV set-top equipment
KS X 3041	Conformity assessment test methods for terminal equipment connected to passive optical network
KS X 3164	Conformity assessment test methods for main transmission equipment of cable television broadcasting station
KS X 3165	Conformity Assessment Test Methods for Integrated Reception System-CATV Customer Premises Transmission Line Facilities
KS X 3166	Conformity assessment test methods for main transmission equipment of cable television broadcasting station
KS X 3163	Conformity Assessment Test Methods for Cable Television Terminal Equipment
KS X 3247	Test Method for GDSL Equipment

- e. Technical Requirements for grounding equipment, customer premise telecom equipment, line equipment and common ducts, etc. (RRA Public Notification 2019-11, July 18, 2019)
- f. Technical Requirements for broadcasting shared receive equipment of standards for Installing (MSIT Public Notification 2018-1, Jan 19, 2018)

### 3) Technical Requirements for Radio Equipment

- a. Regulations on Radio Equipment (Enforcement Decree of MSIT NO. 1, Jul 26, 2017)

- b. Unlicensed Radio Equipment Established Without Notice ([MSIT Public Notification 2019-105, Dec 23, 2019](#))
- c. Technical Requirements for Radio Equipment for Maritime Services (RRA Public Notification 2019-13, Aug 16, 2019)
- d. Technical Requirements for Radio Equipment for Aeronautical Services (RRA Public Notification 2018-9, Jul 2, 2018)
- e. Technical Requirements for Radio Equipment for Telecommunication Services (RRA Public Notification 2019-9, Jun 3, 2019)
- f. Technical Requirements of the Other Service Radio Equipment for Simple radio station, Space station and Earth station (RRA Public Notification 2018-26, Nov 13, 2018)
- g. Technical Requirements of Radio Wave Application (RRA Public Notification 2016-20, Sep 27, 2016)
- h. Measurements of the high-frequency output of radio wave application equipment and antenna power calculation methods (RRA Public Notification 2016-2, Apr 4, 2016)
- i. Conformity Assessment Procedure of Radio Equipment: Applicable KS Standards (Table 2)

<b>Table 2. Conformity Assessment Procedure of Radio Equipment Applicable KS Standards</b>	
Standard to be listed on the Scope of Accreditation	Standard Name
KS X 3123	Conformity assessment test methods for radio equipment

- j. Test Methods for Technical Requirements of LTE Mobile Radio Equipment: Applicable KS Standards (Table 3)

<b>Table 3. Test Methods for Technical Requirements of LTE Mobile Radio Equipment Applicable KS Standards</b>	
Standard to be listed on the Scope of Accreditation	Standard Name
KS X 3142	Test Methods for Characteristic of LTE Mobile Radio Equipment

- k. [Test Methods for Technical Requirements of 5G NR \(New Radio\) equipment: Applicable KS Standards \(Table 4\)](#)

<b>Table 4. Test Methods for Technical Requirements of 5G NR (New Radio) equipment: Applicable KS Standards</b>	
Standard to be listed on the Scope of Accreditation	Standard Name

KS X 3270	Conduction test methods for 5G NR (New Radio) equipment
KS X 3271	Radiation test methods for 5G NR (New Radio) equipment

#### 4) Technical Requirements for SAR

- a. Technical Requirements for the Human Protection against Electromagnetic Waves (MSIT Public Notification 2019-4, Jan 16, 2019)
- b. Technical Requirements for Measurement and Test Procedure of Specific Absorption Rate (RRA Public Notification 2018-18, Dec 7, 2018)
- c. Equipment to be subject of Test Procedure for Electromagnetic Field Strength and Specific Absorption Rate (RRA Public Notification 2019-1, Jan 17, 2019)

#### 5) Technical Requirements for EMF

- a. Technical Requirements for Measurement of Electromagnetic Field Strength (RRA Public Notification 2019-3, March 4, 2019)

#### 6) Technical Requirements for EMC<sup>2</sup>

- a. Technical Requirements for Electromagnetic Compatibility (RRA Public Notification 2018-29, Dec 24, 2018)
- b. Test Methods for Electromagnetic Compatibility (RRA Announce 2018-128, Dec 24, 2018)
- c. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment (MSIT Public Notification 2019-95, Dec 5, 2019)
  - EMC standards below are found in Article 3 of the Notice, see Section 3 of Table 1 Matters Related to Test Items by Examination Field.<sup>3</sup>
    - KN 11
    - KN 14-1
    - KN 15
    - KN 19
    - KN 41
    - KN 50
    - KN 60
    - KN 62040-2
    - KN 60947
    - KN 61000-6-3
    - KN 61000-6-4
    - KN 14-2

<sup>2</sup> RRA Public Notifications and Announces 4a.and 4b. do not need to be included in designations

<sup>3</sup> KN 301 489-7 and KN 301 489-24 were replaced by KN 301 489-52 and KN 301 489-26 was replaced by KN 301-489-50 as noted in RRA Public Notification 2019-5, Mar 11, 2019.

- KN 51
- KN 60601-1-2
- KN 61547
- KN 60974-10
- KN 61000-6-1
- KN 61000-6-2
- KN 301 489-1
- KN 301 489-2
- KN 301 489-3
- KN 301 489-5
- KN 301 489-6
- KN 301 489-9
- KN 301 489-13
- KN 301 489-15
- KN 301 489-17
- KN 301 489-18
- KN 301 489-20
- KN 301 489-27
- KN 301 489-32
- KN 60945
- KN 17
- KN 32
- KN 35
- KN 61800-3
- KN 12015
- KN 12016
- KN 101
- KN 15194
- KN 301 489-50
- KN 301 489-52
- KN 62920
- KN 301 489-51

*Notes:*

- 1) In case of the conflict of interpretation between the Korean and English versions, the Korean version prevails always.
- 2) Some technical requirements in the list may refer to TTA (Telecommunications Technology Association) standards, and those standards are available at the website (<http://www.tta.or.kr>).