

Annex I TO PHASE I PROCEDURES

Issued by Korea on January 14, 2021, amended January 29, 2021

LIST OF TECHNICAL REGULATIONS FOR THE REPUBLIC OF KOREA

*Updates from the previous version posted on
November 2 and amended on November 13, 2020 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
- KS Standards
www.rra.go.kr/ko/reference/kcsList.do
- EMC Test Items
<http://www.law.go.kr/LSW/admRulLsInfoP.do?admRulSeq=2100000176640#AJAX>
- RRA Tel MRA webpage
<https://www.rra.go.kr/en/cas/mra.do>

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 provisions¹
 - a. Notice on Conformity Assessment of Broadcasting and Communications Equipment (RRA Public Notification 2020-7, Oct 20, 2020)
 - b. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment (RRA Public Notification 2020-6, Sept 25, 2020)

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

2) Technical Requirements for Telecommunications Terminal Equipment

- a. Technical Requirements for the IPTV Equipment for Broadcasting Service (RRA Public Notification 2019-23, Dec 27, 2019) - a version of this standard in Korean is available on request (mra@nist.gov)
- b. Technical Requirements for CATV Equipment (MSIT Public Notification 2019-78, Sep 18, 2019)
- c. Technical Requirements for Telecommunications Terminal Equipment (RRA Public Notification 2020-6, Sep 25, 2020)
- d. Conformity Assessment Procedure for Telecommunications Terminal Equipment: Applicable KS Standards (Table 1)

Table 1. Conformity Assessment Procedure for Telecommunications Terminal Equipment Applicable KS Standards	
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 2020-16, Dec 28, 2020)
- 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 (**Ordinance of MSIT No. 63, Dec 24, 2020**)
- b. Unlicensed Radio Equipment Established Without Notice (MSIT Public Notification 2020-59, Oct 16, 2020)
- 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 2020-5, Sep 22, 2020)
- 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. Conformity Assessment Procedure of Radio Equipment: Applicable KS Standards (Table 2)

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

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

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

- j. Test Methods for Technical Requirements of 5G NR (New Radio) equipment:
Applicable KS Standards (Table 4)

Table 4. Test Methods for Technical Requirements of 5G NR (New Radio) equipment: Applicable KS Standards	
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 EMC²

- a. Technical Requirements for Electromagnetic Compatibility (RRA Public Notification 2019-32, Dec 31, 2019)
- b. Test Methods for Electromagnetic Compatibility (RRA Announce 2019-132, Dec 31, 2019)
- c. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment (**RRA Public Notification 2020-6, Sept 25, 2020**)
 - 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.^{3, 4}
 - KN 11
 - KN 14-1
 - KN 15

² RRA Public Notifications and Announces 6a, 6b, and 6c do not need to be included on the ISO/IEC 17025 scope or in designations. These are reference documents for EMC testing.

³ 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.

⁴ KN 19 removed November 13, 2020

- KN 41
- KN 50
- KN 60
- KN 62040-2
- KN 60947
- KN 61000-6-3
- KN 61000-6-4
- KN 14-2
- 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>).