Annex I

TO PHASE I PROCEDURES

Issued by Korea on December 29, 2023

LIST OF TECHNICAL REGULATIONS

FOR THE REPUBLIC OF KOREA

Updates/Corrections from previous version posted on December 29, 2023 are marked in red.

PHASE I

The Technical Regulations[1] 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[2]

a. Notice on Conformity Assessment of Broadcasting and Communications Equipment (RRA Public Notification 2023-24, December 29th, 2023) Korean only*

b. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment (RRA Public Notification 2023-15, Aug 16th, 2023) Korean only*

2) Technical Requirements for Telecommunications Terminal Equipment(TTE)

a. Technical Requirements for The IPTV Equipment for Broadcasting Service (RRA Public Notification 2022-19, Oct 17th, 2022) Korean only*

b. Technical Requirements for CATV Equipment (MSIT Public Notification 2022-63, Nov 9th, 2022) Korean only*

c. Technical Requirements for Telecommunications Terminal Equipment (RRA Public Notification 2022-16, Sep 5th, 2022) Korean only*

d. Conformity Assessment Procedure for Telecommunications Terminal Equipment : Applicable KS Standards (Table 1) Korean only*

1) Technical regulations are in Korean only.

2) These two administrative provisions are not included in designations to Korea.

Table 1. 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 equipments connected to hybrid fiber coaxial(HFC) 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 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	Conformity assessment test methods for terminal equipment connected to giga-class digital subscriber line

e. Technical Requirements for grounding equipment, customer premise telecom equipment, line equipment and common ducts, etc. (RRA Public Notification 2022-23, Dec 12th, 2022) Korean only*

f. Technical Requirements for broadcasting shared receive equipment of standards for Installing (MSIT Public Notification 2018-1, Jan 19th, 2018) Korean only*

3) Technical Requirements for Radio Equipment(RADIO)

a. Regulations on Radio Equipment (Ordinance of MSIT NO. 86, Jan 4th, 2022) Korean only*

b. Unlicensed Radio Equipment Established Without Notice (MSIT Public Notification 2023-18, Jun 20th, 2023) Korean only*

c. Technical Requirements for Radio Equipment for Maritime Services (RRA Public Notification 2021-20, Nov 17th, 2021) Korean only*

d. Technical Requirements for Radio Equipment for Aeronautical Services (RRA Public Notification 2023-8, Apr 19th, 2023) Korean only*

e. Technical Requirements for Radio Equipment for Telecommunication Services (RRA Public Notification 2022-15, Jul 29th, 2022) Korean only*

f. Technical Requirements of the Other Service Radio Equipment for Simple radio station, Space station and Earth station (RRA Public Notification 2023-5, Apr 3th, 2023) Korean only*

g. Technical Requirements of Radio Wave Application (RRA Public Notification 2022-28, Dec 30th, 2022) Korean only*

h. Conformity Assessment Procedure of Radio Equipment :

Applicable KS Standards (Table 2) Korean only*

Table 2. Applicable KS Standards	
Standard to be listed on the Scope of Accreditation	Standard Name
KS X 3123	Conformity assessment test methods for radio equipment Priority enforcement before revision: Note the link on the last page.

i. Test Methods for Technical Requirements of LTE Mobile Radio Equipment :

Applicable KS Standards (Table 3) Korean only*

Table 3. 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 Mobile Radio Equipment :

Applicable KS Standards (Table 4) Korean only*

Table 4. 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 Priority enforcement before revision: Note the link on the last page.
KS X 3271	Radiation test methods for 5G NR(New Radio) equipment Priority enforcement before revision: Note the link on the last page.

4) Technical Requirements for SAR[3)]

a. Technical Requirements for Measurement and Test Procedure of Specific Absorption Rate[4)] (RRA Public Notification 2018-18, Dec 7th, 2018) Korean only*

b. Equipment to be subject of Test Procedure for Electromagnetic Field Strength and Specific Absorption Rate (RRA Public Notification 2023-12, Jun 30th, 2023) Korean only*

c. Technical Requirements for the Human Protection against Electromagnetic Waves (MSIT Public Notification 2019-4, Jan 16th, 2019) Korean only*

5) Technical Requirements for EMF[5)]

a. Technical Requirements for Measurement of Electromagnetic Field Strength (RRA Public Notification 2023-11, Jun 30th, 2023) Korean only*

6) Technical Requirements for EMC[6)]

a. Technical Requirements for Electromagnetic Compatibility (RRA Public Notification 2023-13, Jun 30th, 2023) Korean only*

b. Test Methods for Electromagnetic Compatibility (RRA Announcement 2023-68, Aug 17th, 2023) Korean only*[7)8)]

c. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment(RRA Public Notification 2022-20, May 10th, 2022) Korean only*[9)]

- EMC standards referenced in **[Attachment 1]** Matters on test items by test field (related to Article 3)

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3) When applying for SAR, the RRA notifications 4) a, 4) b, and 4) c are all required and must be included in the designation Note that the notifications 4) b and 4) c are applied in common to EMF.

4) The purpose of 4) a is mainly to identify the two applicable SAR test methods: KS C 3370-1 and KS C 3370-2. Designations will not include these two embedded KS standards. The test reports should only reference 4) a. (If embedded test methods are cited in accredited test reports, they must also be listed on the ISO/IEC 17025 Scope of Accreditation.)

5) When applying for EMF, the notifications 5) a, 4) b, and 4) c are all required and must be included in the designation.

6) RRA Public Notifications and Announces 6)a,6)b and 6)c are not included in designations.

7) 6) b Test Methods for Electromagnetic Compatibility references EMC standards. Equipment/devices must be tested to these EMC standards.

8) The following EMC test methods do not require testing laboratories to be accredited to perform EMC testing: KS C 9816-1-1, KS C 9816-1-2, KS C 9816-1-3, KS C 9816-1-4, KS C 9816-1-5, KS C 9816-2-1, KS C 9816-2-2, KS C 9816-2-3, KS C 9816-2-4, KS C 9816-2-5, KS C 9610-3-2/KS C 9610-3-12, KS C 9610-3-3/KS C 9610-3-11, KS C 9610-4-2, KS C 9610-4-3, KS C 9610-4-4, KS C 9610-4-5, KS C 9610-4-6, KS C 9610-4-8, KS C 9610-4-11, KS C 9610-4-9, KS C 9610-2-2, KS C 9610-2-4

9) Only the EMC standards listed in Notice on Designation and Management of Testing Laboratories for broadcasting and communications equipment (RRA Public Notification) [Attachment 1] can be designated.

< [Attachment 1] >

No.	Before EMC KN Standard Change ~ 2021. 5. 8.(Allowed until May 8, 2021)	KN Standard ⇒ Notional Standard	After EMC KN Standard Change 2021. 5. 9.~(Applied from May 9, 2021)
1	KN 11	⇒	KS C 9811:2019
2	KN 14-1	⇒	KS C 9814-1:2022
3	KN 15	⇒	KS C 9815:2023
4	KN 41	⇒	KS C 9990:2017
5	KN 50	⇒(Maintain KN Standard)	KN 50
6	KN 60	⇒	KS X 3141:2015
7	KN 62040-2	⇒	KS C 9040-2:2017
8	KN 60947	⇒	KS C IEC 60947-1:2017/ KS C IEC 60947-2:2019/ KS C IEC 60947-4-1:2016
9	KN 61000-6-3	⇒	KS C 9610-6-3:2023
10	KN 61000-6-4	⇒	KS C 9610-6-4:2022
11	KN 14-2	⇒	KS C 9814-2:2022
12	KN 51	⇒(Maintain KN Standard)	KN 51
13	KN 60601-1-2	⇒	KS C IEC 60601-1-2:2012
14	KN 61547	⇒	KS C 9547:2020
15	KN 60974-10	⇒	KS C 9974-10:2020
16	KN 61000-6-1	⇒	KS C 9610-6-1:2019
17	KN 61000-6-2	⇒	KS C 9610-6-2:2019
18	KN 301 489-1	⇒	KS X 3124:2020
19	KN 301 489-2	⇒	KS X 3137:2014
20	KN 301 489-3	⇒	KS X 3125:2020
21	KN 301 489-5	⇒	KS X 3127:2014
22	KN 301 489-6	⇒	KS X 3128:2014
23	KN 301 489-9	⇒	KS X 3130:2014
24	KN 301 489-13	⇒	KS X 3131:2014
25	KN 301 489-15	⇒	KS X 3136:2014
26	KN 301 489-17	⇒	KS X 3126:2020
27	KN 301 489-18	⇒	KS X 3132:2014
28	KN 301 489-20	⇒	KS X 3139:2014
29	KN 301 489-27	⇒	KS X 3134:2014
30	KN 301 489-32	⇒	KS X 3138:2015
31	KN 60945	⇒	KS X 3140:2014
32	KN 17	⇒	KS X 3143:2020
33	KN 32	⇒	KS C 9832:2023
34	KN 35	⇒	KS C 9835:2019
35	KN 61800-3	⇒	KS C 9800-3:2017
36	KN 12015	⇒	KS B 6955:2019
37	KN 12016	⇒	KS B 6945:2019
38	KN 101	⇒	KS C 9992:2019
39	KN 15194	⇒	KS C 9994:2021
40	KN 301 489-50	⇒	KS X 3135:2020
41	KN 301 489-52	⇒	KS X 3129:2020
42	KN 62920	⇒(Maintain KN Standard)	KN 62920
43	KN 301 489-51	⇒	KS C 9995:2021

Notes:

1) In case of the conflict of interpretation between the Korean and English versions, the Korean version always prevails.

2) Before testing, please check for the most current version of each technical regulation using the links below. The most current version must be used as soon as it is published by RRA and/or MSIT, **unless a later transition/enforcement date is specified**. Please do not wait for publication of this Annex I to check the versions of the technical regulations, as this is only updated periodically.

- Regulations on Radio Equipment(Ordinance of MSIT)

  https://www.law.go.kr/LSW/lsInfoP.do?nwJoYnInfo=Y&ancNo=&a=&efYd=20201224&lsiSeq=224773&ancYd=#0000

- Notifications (RRA and MSIT)
  - 6) b. Test Methods for Electromagnetic Compatibility (RRA Announcement)
    https://www.law.go.kr/LSW/admRulLsInfoP.do?chrClsCd=&admRulSeq=2100000211664
  - 6) c. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment (RRA Public Notification)
    https://www.law.go.kr/LSW/admRulLsInfoP.do?admRulSeq=2100000211415&vSct=*

- KS C, KS B Standards
  - Test method content confirmation site: https://www.e-ks.kr/KSCI/portalindex.do
  - Purchase and download site: https://kssn.net/index.do

- KS X Standards
  - https://www.rra.go.kr/ko/reference/kcsList.do

- KN Standards
  - https://www.rra.go.kr/ko/reference/lawList.do?lw_type=6

- List of Technical Regulations for The Republic of KOREA
  - https://www.rra.go.kr/en/cas/mra.do

- KS X 3123, KS X 3270, KS X 3271: RRA homepage notice, No. 556, 557
  ※ For KS X 3123, refer to 2 files until revision
  https://www.rra.go.kr/ko/notice/noticeList.do