

Annex I
TO PHASE I
PROCEDURES

Issued by Korea on September 1, 2021

LIST OF TECHNICAL
REGUATIONS FOR THE
REPUBLIC OF KOREA

Updates from the previous version posted on
July 9, 2021 are marked in red.

PHASE I

The technical regulations¹ 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 Provisions²

- a. Notice on Conformity Assessment of Broadcasting and Communications Equipment (RRA Public Notification 2021-10, Jun 28, 2021)
- b. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment (RRA Public Notification 2020-6, Sep 25, 2020)

2) Technical Requirements for Telecommunications Terminal Equipment (TTE)

- a. Technical Requirements for the IPTV Equipment for Broadcasting Service (RRA Public Notification 2019-23, Dec 27, 2019)
- b. Technical Requirements for CATV Equipment (MSIT Public Notification 2021-26, Apr 1, 2021)
- 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)

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 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 (RADIO)

- a. Regulations on Radio Equipment (Ordinance of MSIT No. 63, Dec 24, 2020)
- b. Unlicensed Radio Equipment Established Without Notice (MSIT Public Notification 2020-113, Jan 6, 2021)
- 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 2021-14, Aug 12, 2021)
- e. Technical Requirements for Radio Equipment for Telecommunication Services (RRA Public Notification 2021-2, Jan 29, 2021)
- 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. Applicable KS Standards	
Standard 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. Applicable KS Standards	
Standard 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 LTE Mobile Radio Equipment:

Applicable KS Standards (Table 4)

Table 4. Applicable KS Standards	
Standard 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 SAR³

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

5) Technical Requirements for EMF⁴

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

6) Technical Requirements for EMC⁵

- a. Technical Requirements for Electromagnetic Compatibility (RRA Public Notification 2021-3, Feb 8, 2021)
 - b. Test Methods for Electromagnetic Compatibility (RRA Announcement 2021-10, Feb 8, 2021)⁶
 - c. Notice on Designation and Management of Testing Laboratories for Broadcasting and Communications Equipment (RRA Public Notification 2020-6, Sep 25, 2020)⁷
- EMC standards referenced in [Attachment 1] Matters on Test Items by Test Field (related to Article 3)

³ When applying for SAR, the notifications 4) a, 4) b, and 4) c are required. The notifications 4) b and 4) c are applied in common to EMF.

⁴ When applying for EMF, the notifications 5) a, 4) b, and 4) c are required.

⁵ RRA Public Notifications and Announcements 6) a, 6) b, and 6) c are not included in designations.

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

⁷ 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	KN Standard ⇒ National Standard	After EMC KN Standard Change
	2021. 5. 8. (Allowed until May 8, 2021)		2021. 5. 9. (Applied from May 9, 2021)
1	KN 11	⇒	KS C 9811:2019
2	KN 14-1	⇒	KS C 9814-1:2020
3	KN 15	⇒	KS C 9815:2019
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 9610-6-3:2017
10	KN 61000-6-4	⇒	KS C 9610-6-4:2017
11	KN 14-2	⇒	KS C 9814-2:2020
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	⇒ (Maintain KN Standard)	KN 60945
32	KN 17	⇒	KS X 3143:2020
33	KN 32	⇒	KS C 9832:2019
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) Websites

Regulations on Radio Equipment (Ordinance of MSIT)

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

Notifications (RRA and MSIT)

6) b. Test Methods for Electromagnetic Compatibility (RRA Announcement)

- <https://www.law.go.kr/LSW/admRulLsInfoP.do?admRulSeq=2100000198063&vSct=%EC%A0%84%EC%9E%90%ED%8C%8C%EC%A0%81%ED%95%A9%EC%84%B1%20%EC%8B%9C%ED%97%98%EB%B0%A9%EB%B2%95>

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?vSct=%EB%B0%A9%EF%BF%BD%25&admRulSeq=2100000193552>

KS C, KS B Standards

- Test method content confirmation site: <https://www.e-ks.kr/KSCI/portalindex.do>
- Purchase and download site: www.kssn.net

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>