

Regarding FD-LTE Band28

Effective from August 29, 2023, the Ministry of Internal Affairs and Communications (MIC) issued “The Ministerial Ordinance Partially Revising the Ministerial Ordinance on Regulations for the Enforcement of the Radio Law” by Ordinance No. 67. The frequency of FD-LTE Band 28 has been expanded the frequency range, as follows.

OLD : UL 718 - 748MHz, DL 773 - 803MHz

NEW : UL **715** - 748MHz, DL **770** - 803MHz

In addition, a new bandwidth of 3MHz has also been introduced for a portion of the bands in this revision.

○Applicable specified radio equipment

| Certification Ordinance Article | Symbol | Item |
|---------------------------------|--------|--|
| Article 2-1-10 | VT | Mobile Relay Station (OBW: within 90%) |
| Article 2-1-10-2 | VS | Mobile Relay Station (OBW: over 90%) |
| Article 2-1-11-19 | HU | SC-FDMA(FD-LTE) Land Mobile Station |
| Article 2-1-11-19-2 | PS | SC-FDMA(FD-LTE) Land Mobile Station (NB-IoT) |
| Article 2-1-11-19-3 | QS | SC-FDMA(FD-LTE) Land Mobile Station (eMTC) |
| Article 2-1-11-20 | IU | SC-FDMA(FD-LTE) Base Station (OBW: within 90%) |
| Article 2-1-11-20-2 | IT | SC-FDMA(FD-LTE) Femtocell Base Station (OBW: within 90%) |
| Article 2-1-11-20-3 | JT | SC-FDMA(FD-LTE) Indoor Base Station (OBW: within 90%) |
| Article 2-1-11-20-4 | RS | SC-FDMA(FD-LTE) Base Station (OBW: over 90%) |
| Article 2-1-11-20-5 | SS | SC-FDMA(FD-LTE) Femtocell Base Station (OBW: over 90%) |
| Article 2-1-11-20-6 | TS | SC-FDMA(FD-LTE) Indoor Base Station (OBW: over 90%) |

Effective date

1. This Ordinance comes into effect on the date of issue.

Transitional Measures

2. Wireless devices that have been applied for a license or received a preliminary license are effective as conformed to the former provision.
3. Type Certifications issued before the effective date of the revision remain in force.
4. The prior provision continues to govern for the inspection of the certifying Type Certification that was applied before the effective date of the revision.
5. Approved Type Certifications in condition #4 remain in force after the effective date of the revision.
6. Approved Type Certifications for any Land mobile communication terminal wireless equipment that emits at the 715-718MHz frequency are deemed to comply with the condition of revised Type Certification that emits at the 715-718MHz frequency with the proviso that no changes are made to the approved design.

What are the changes to the Land mobile communication terminal as a result of this revision?

The conditions for approval of Construction Type Certification including FD-LTE Band28 will be changed as follows on and after August 29, 2023.

- Certified Specific Wireless Equipment:
These are applicable to The Act of Transitional Measures No3.
- In case of applying for any changes on the type specification to a Certified Specific Equipment:
These are certified with the condition of expanded frequency with the proviso that specific characteristic tests are performed.
- New application for the certification:
These are certified with the revised provision.

Q&A

Q1 : Will the certification number be changed when applying for a change to a specified equipment that was certified by Type Certification after this revision?

A1 : It will be issued with the same certification number if the condition of change falls under “The Guideline by ICCJ”. [MIC website-japanese only-](#) [Please ask us for detail](#)

Q2 : Which regulation will be valid if it was applied before the revision and then certified after the revision?

A2 : It is applicable to the Transitional Measures No.4 that the application for certification was accepted on or before August 28, 2023, and the date of certification is on or after August 29, 2023.

*It's also available to perform inspection for certification with the revision when the certificate date is on and after August 29, 2023.

Please don't hesitate to contact us with any questions.

For Questions or Further Assistance:

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